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# Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1975

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## ABSTRACT

Burford, James B., Jane L. Thurman, and Ralph T. Roberts. 1985. Hydrologic data for experimental agricultural watersheds in the United States, 1975. U.S. Department of Agriculture Miscellaneous Publication No. 1441, 580 pp.

Hydrologic data from 98 agricultural watersheds for calendar year 1975 are summarized in this publication. Daily and monthly total precipitation and runoff together with annual maximum peak discharge and maximum runoff for selected time intervals are included. Watershed descriptive information is presented. Maximum and minimum daily temperatures are given for many of the watersheds. This is the 19th publication in this series.

KEYWORDS: Air temperature, hydrology data, hydrology research, precipitation, rainfall, runoff, streamflow, water data, watersheds.

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Department of  
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# **Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1975**

Compiled by

JAMES B. BURFORD  
JANE L. THURMAN  
and  
RALPH T. ROBERTS

Water Data Laboratory  
Beltsville Agricultural Research Center  
Beltsville, Maryland 20705





## PREFACE

This publication presents basic data on monthly precipitation and runoff; annual maximum discharge and maximum volumes of runoff; daily precipitation and mean daily discharge, with daily air temperature for some areas; and selected runoff events, with associated data on rainfall, land use, and antecedent conditions for agricultural watersheds where research was in progress during 1975. It is a continuation of processing and releasing hydrologic data of general interest collected cooperatively with other agencies.

Throughout the watershed studies the State agricultural experiment stations have collaborated in selecting, planning, and conducting these studies. In several studies the U.S. Geological Survey and State and local agencies, such as State water boards and highway departments of local drainage and conservation districts, have assisted in the work. The classification and correlation of soils and evaluation of other watershed characteristics in the descriptions have been based mostly on field surveys by the U.S. Department of Agriculture's Soil Conservation Service.

These data were collected originally for specific research objectives, which are still in progress or have been attained. In addition, they can serve many other purposes. This publication provides information for other government agencies, university staff members, graduate students, private engineers, and those who need detailed, factual information concerning agricultural watersheds. High-quality hydrologic data such as these have historic value in addition to providing a basis for research and design and evaluation of projects and programs for conservation and development of the Nation's water resources.

Although the data on which this publication is based were collected in 1975 or earlier, the findings are still valid and are used for further research on agricultural watersheds.



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The decimal system of paging is used to index the watershed data. Pages are numbered at the bottom (center) according to location and watershed number, and the data for each watershed are given on one or more pages. For example, page 10.001-1 is location 10 (Watkinsville, Ga.), Watershed 1 (W-1 at Watkinsville), and page 1 of the data for that watershed. For convenience in finding items listed in table 3, pages are also numbered consecutively at the bottom (outside corner).

Table 3 is a list of continuing or new watersheds by State, locality, assigned location number, and land resource area, with number of watershed units and selected runoff events reported for 1975 in this publication. Table 4 includes similar data on discontinued watersheds.

Copies of this publication may be purchased from the National Technical Information Service, 5285 Port Royal Road, Springfield, Va. 22161.

ARS has no additional copies for free distribution.

Issued January 1985



# Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1975

This is the 19th publication in the series on hydrological data by the U.S. Department of Agriculture. The first three are described in the following section and the others are summarized in table 1. Since the decimal paging system used (see explanation on preceding page) is consistent with that at the bottom of pages in the other 18 publications, previously published records and general descriptions associated with each study can be readily found.

This publication contains selected hydrologic data from 98 watersheds for 1975. It includes data on monthly precipitation and runoff for all the watersheds; annual maximum discharge and maximum volumes of runoff for intervals of 1, 2, 6, and 12 hours and 1, 2, and 8 days for 95 watersheds; daily precipitation for 97 watersheds; mean daily discharge for 98 watersheds; applicable daily maximum and minimum air temperatures for 86 watersheds; and detailed information on 1 or more selected typical storm events for 90 watersheds.

Information on selected storm events includes (1) tabular data for antecedent rainfall and runoff; (2) data on rainfall intensity and runoff for the event and on accumulated depth of rainfall and runoff; (3) description of watershed conditions at the time of the selected events; and (4) plottings of runoff hydrographs and rainfall histograms.

For newly established watersheds, descriptions of watershed physical characteristics, instrumentation, land management, and recommended area of application of the results are given as well as graphs and maps.

The first 11 publications in this series resulted from the cooperative efforts of several watershed research projects of the Agricultural Research Service and the editing staff in Beltsville, Md. Hydrologic data were summarized, arranged according to standardized formats, recorded on preprinted data sheets, and submitted to the editing office for final review, assemblage, and publication.

A computer-oriented system, designed and developed by the Water Data Laboratory, is now used to produce camera copy for these publications. This is the eighth publication that has been compiled using the computerized system. Hydrologic data submitted from research projects, in digital computer form, are accepted by the system. The required data analyses and summaries are performed and the tabular listings and plottings are provided within and by the system. Narrative information is incorporated into the system as upper and lower case alphameric data using computer-compatible word-processing equipment. The format of hand-compiled references (4-11) has been retained where practicable in the computer-compiled versions of the publications.

## PUBLICATIONS OF EARLIER DATA

Historical hydrologic data on the experimental agricultural watersheds, both terminated and active, have been previously summarized in three looseleaf publications (reprints in bound volumes) by the Agricultural Research Service. They are described in the following three reference summaries. Beginning with the hydrologic data for 1956 through 1975, the types of data previously published separately in these three references are combined in U.S. Department of Agriculture Miscellaneous Publications 945, 994, 1070, 1164, 1194, 1216, 1226, 1262, 1330, 1370, 1380, 1383, 1412, 1420, 1437, and

1441. These 16 publications are listed in table 1 as references 4-19. These reference numbers have been assigned to simplify citations to them in this and future publications. The first three looseleaf and the first eight miscellaneous publications have been recorded on 16-mm microfilm. Copies can be made available for the cost of the film processing.

Reference 1.—"Monthly Precipitation and Runoff for Small Agricultural Watersheds in the United States," Soil and Water Conservation Research Branch, 691 pages, 1957. Includes physical descriptions and land use of 334 experimental agricultural watersheds at 60 locations in 27 States from 1923 through 1957. Many of these watersheds were discontinued before 1955.

Reference 2.—"Annual Maximum Flows From Small Agricultural Watersheds in the United States," Soil and Water Conservation Research Division, 330 pages, 1958. Includes records from 322 watersheds at 59 locations in 27 States from 1923 through 1957. Many of these watersheds were discontinued before 1957.

Reference 3.—"Selected Runoff Events for Small Agricultural Watersheds in the United States," Soil and Water Conservation Research Division, 374 pages, 1960. Includes a sampling of 1 to 6 typical runoff events from 68 watersheds at 40 locations in 25 States from 1933 through 1959. The publication has maps of each watershed, information on watershed conditions for each event, including the 30-day antecedent rainfall and runoff, and tabular as well as graphic data on each storm.

Copies of all these publications have been furnished to the Soil Conservation Service and other Federal, State, and local government agencies. They have also been distributed to State agricultural experiment stations, university libraries and engineering departments, private engineers and individuals, and similar foreign institutions and individuals when requested.

Table 2 lists in which of the 19 references data are included for each watershed and shows for which watersheds data are stored in the ARS Water Data Bank.

Table 3 summarizes where data for each watershed can be found in this 19th publication.

Table 4 lists the watershed units where studies were discontinued in 1974.

## FORM OF DATA PRESENTATION

The data in this publication are presented for each watershed in the following order: (1) Watershed description, if not previously published; (2) monthly precipitation and runoff; (3) average monthly precipitation and runoff for period of record; (4) annual maximum flows; (5) daily temperature extremes for some watersheds, daily precipitation, and mean daily discharge; (6) selected runoff events; (7) graphs of selected runoff events; and (8) watershed maps, if not previously published or if revised.

## Continuing Watersheds

For current watersheds for which the descriptive information has been published in references 1 and 4-18, the tabular data begin at the top of the first page. On each page at the



Table 1.--Description of references 4-19 of "Hydrologic Data for Experimental Agricultural Watersheds in the United States"

Reference	For calendar year (19--)	Miscellaneous Publication No.	Year published (19--)	Total pages	Number of watersheds for which indicated data are given				
					Monthly precipitation and runoff	Annual maximum discharge and runoff for selected time intervals	Selected runoff events	New water-sheds	Daily precipitation, discharge, and/or temperature (max.-min.)
4....	56-59	945	63	672	157	142	134	45	...
5....	60-61	994	65	496	160	145	133	24	...
6....	62	1070	68	447	164	155	136	13	50
7....	63	1164	70	465	168	156	142	9	57
8....	64	1194	71	460	163	163	143	8	57
9....	65	1216	72	568	189	178	122	22	60
10....	66	1226	72	399	198	185	106	11	60
11....	67	1262	73	634	216	204	174	26	62
12....	68	1330	76	542	174	174	116	1	174
13....	69	1370	79	602	167	150	139	5	167
14....	70	1380	79	515	153	139	113	2	150
15....	71	1383	80	509	145	135	122	1	145
16....	72	1412	81	433	131	117	98	0	131
17....	73	1420	82	404	100	97	88	1	100
18....	74	1437	83	417	98	95	82	0	98
19....	75	1441	84	580	98	95	82	8	98

Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>

Water-shed ident. code <sup>2/</sup>	Study location		Water-shed name-No.	Area in acres <sup>3/</sup>	Record (19--) B E		Rev. ref. No. <sup>5/</sup>	Index to information in reference <sup>1/</sup> --																		
	Town	State						01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
01001	Arnot Forest	NY	W-1	17.9	41	47		01	02																	
01002	Arnot Forest	NY	W-4	17.9	41	47		01	02																	
02002	Cohocton	NY	W-II	13.8	38	45		01	02	03																
02003	Cohocton	NY	W-III	24.2	38	45		01	02	03																
04001	Freehold	NJ	W-I	17.5	38	43		01	02	03																
04002	Freehold	NJ	W-II	32.9	38	55		01	02	03																
04003	Freehold	NJ	W-III	51.8	38	43		01	02																	
05001	College Park	MD	W-1	8.22	39	54		01	02	03																
05002	College Park	MD	W-2	7.44	39	54		01	02	03																
05003	College Park	MD	W-3	5.02	39	55		01	02																	
05004	College Park	MD	W-4	5.03	39	55		01	02																	
05005	College Park	MD	W-5	4.07	39	54		01	02																	
05006	College Park	MD	W-6	3.53	40	62	06	01	02	03	04	05	06													
05007	College Park	MD	W-7	3.52	40	62	06	01	02	03	04	05	06													
05008	College Park	MD	W-8	2.43	40	55		01	02	03																
05009	College Park	MD	W-9	12.05	40	55		01	02	03																
05010	College Park	MD	W-10	3.04	43	54		01	02																	
06001	Hagerstown	MD	W-I	46.3	38	47		01	02																	
06002	Hagerstown	MD	W-II	80.8	38	47		01	02	03																
07001	Auburn	AL	W-I	27.0	45	47		01	02																	
08001	Vero Beach	FL	W-1	49,915.	51	73	06	01	02	03	04	05	06	07	08	09	10	11								
08002*	Vero Beach	FL	W-2	(a)66,880.	55		06	01	02		04	05	06	07	08	09	10	11		13	14	15	16	17	18	19
08003*	Vero Beach	FL	W-3	(b)12,224.	55		06	01	02		04	05	06	07	08	09	10	11		13	14	15	16	17	18	19
08004	Vero Beach	FL	W-4	3,970.	59	73							06	07	08	09	10	11								
08005*	Vero Beach	FL	W-5	(c)20,992.	65	15																15	16	17	18	19
09001*	Americus	GA	W-I	22.8	38	43		01	02																	
09002*	Americus	GA	W-II	42.8	38	42		01	02																	
09003*	Americus	GA	W-III	32.0	38	42		01	02																	
09004*	Americus	GA	W-IV	59.2	38	43		01	02	03																
10001*	Watkinsville	GA	W-1	19.2	39		07	01	02		04	05	06	07	08				12	13	14	15	16	17	18	19
11001	High Point	NC	W.F.D.R.	21,100.	23	53		01	02	03	04															
11002	High Point	NC	M.C.	10,300.	34	41		01	02		04															
11003	High Point	NC	U.R.	7,230.	34	41		01	02		04															
12001	Statesville	NC	C-8	5.12	33	38		01	02																	
12002	Statesville	NC	W-23	6.00	33	38		01	02																	
13001	Blacksburg	VA	W-II	5.44	39	51		01	02																	
13002	Blacksburg	VA	W-III	19.3	39	67		01	02	03	04	05	06	07	08	09	10	11								
13003	Blacksburg	VA	W-IV	3.49	51	67		01	02		04	05	06	07	08	09	10	11								
13004	Blacksburg	VA	W-V	6.08	52	67		01	02		04	05	06	07	08	09	10	11								
13005	Blacksburg	VA	W-VI	7.70	51	67		01	02		04	05	06	07	08	09	10	11								
13006*	Blacksburg	VA	T.C.	3,054.	57	69					04	05	06	07	08	09	10	11	12							
13007*	Blacksburg	VA	C.C.	786.	57							05	06	07	08	09	10	11	12	13	14	15	16			
13008*	Blacksburg	VA	B.C.	893.	57	08					04	05	06	07	08	09	10	11	12	13	14	15	16			
13009*	Blacksburg	VA	P.C.	182.	58	69	08					05	06	07	08	09	10	11	12							
13010*	Blacksburg	VA	L.W.C.	1,471.	58	74	08					05	06	07	08	09	10	11	12	13	14	15	16			
13011*	Blacksburg	VA	R.R.B.	555.	58	08						05	06	07	08	09	10	11	12	13	14	15	16			
13012*	Blacksburg	VA	P.M.B.	192.	58	69	08					05	06	07	08	09	10	11	12							
13013*	Blacksburg	VA	C.R.	2,023.	59	69	10					05	06	07	08	09	10	11	12							
13014*	Blacksburg	VA	F.C.	389.	60	69	08					05	06	07	08	09	10	11	12							
13015*	Blacksburg	VA	C.B.	1,058.	60	08						05	06	07	08	09	10	11	12	13	14	15	16			
14001	Chatham	VA	W-I	13.3	38	48		01	02																	
14002	Chatham	VA	W-II	16.1	38	48		01	02																	
14003	Chatham	VA	W-III	17.1	38	48		01	02	03																
15001	Staunton	VA	W-I	390.	48	55		01	02	03																
15002	Staunton	VA	W-II	2,430.	48	55		01	02																	
15003	Staunton	VA	W-III	6,144.	48	55		01	02		04															

See footnotes at end of table.

Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>--Continued

Water-shed ident. code <sup>2/</sup>	Study location		Water-shed name-No.	Area in acres <sup>3/</sup>	, Record (19--) B <sub>4</sub> /E <sub>5</sub> No.	Rev. ref. No.	Index to information in reference <sup>1/</sup> --																			
	Town	State					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
16006*	Klingerstown	PA	WE-38	1,773.	68														12	13	14	15	16	17	18	19
17001*	Edwardsville	IL	W-1	27.22	38	55	01	02	03																	
17002*	Edwardsville	IL	W-2	49.95	38	55	01	02																		
17003*	Edwardsville	IL	W-3	12.55	38	42	01	02																		
17004*	Edwardsville	IL	W-4	289.8	38	55	01	02	03																	
18001	Elmwood	IL	WB-1	1.28	45	46	01																			
18002	Elmwood	IL	WB-2	2.28	45	46	01																			
18003	Elmwood	IL	WB-3	2.61	45	46	01																			
18004	Elmwood	IL	WB-4	2.77	45	46	01																			
18005	Elmwood	IL	WB-5	1.93	45	46	01																			
18006	Elmwood	IL	WB-6	2.41	45	46	01																			
18007	Elmwood	IL	WT-1	2.02	45	46	01																			
18008	Elmwood	IL	WT-2	1.88	45	46	01																			
18009	Elmwood	IL	WT-3	2.40	45	46	01																			
18010	Elmwood	IL	WT-4	2.06	45	46	01																			
18011	Elmwood	IL	WT-5	2.76	45	46	01																			
18012	Elmwood	IL	WT-6	5.35	45	46	01																			
19001	Lafayette	IN	W-1	2.55	40	53	01	02																		
19002	Lafayette	IN	W-2	2.23	40	53	01	02																		
19003	Lafayette	IN	W-4	2.01	40	53	01	02																		
19004	Lafayette	IN	W-5	2.87	40	53	01	02	03																	
19005	Lafayette	IN	W-6	2.79	40	53	01	02	03																	
19006	Lafayette	IN	W-7	1.96	40	53	01	02																		
19007	Lafayette	IN	W-8	1.96	40	53	01	02																		
19008	Lafayette	IN	W-10	2.06	40	53	01	02																		
19009	Lafayette	IN	W-11	2.05	40	53	01	02																		
19010	Lafayette	IN	W-12	3.37	40	53	01	02																		
19011	Lafayette	IN	W-13	3.02	40	53	01	02																		
19012	Lafayette	IN	W-14	2.85	40	53	01	02																		
19013	Lafayette	IN	W-15	3.59	40	53	01	02																		
19014	Lafayette	IN	W-18	3.24	40	53	01	02																		
19015	Lafayette	IN	W-20	2.64	40	52	01	02																		
19016	Lafayette	IN	W-25	3.52	40	52	01	02																		
19017	Lafayette	IN	W-31	1.64	40	51	01	02																		
19018	Lafayette	IN	W-32	1.83	40	51	01	02																		
19019	Lafayette	IN	W-33	3.44	40	51	01	02																		
19020	Lafayette	IN	W-34	3.17	40	51	01	02																		
20001	Clarinda	IA	W-V	3.25	32	42	01	02																		
20002	Clarinda	IA	W-W	1.97	34	42	01	02																		
20003	Clarinda	IA	W-X	1.97	34	42	01	02																		
20004	Clarinda	IA	W-Y	3.25	32	42	01	02																		
20005	Clarinda	IA	W-Z	3.12	32	42	01	02																		
21001	Iowa City	IA		1,930.	24	07	01	02	03	04	05	06	07	08	09	10	11	12								
22001	Shenandoah	IA	No. 1	128,000.	34	40	01	02																		
22002	Shenandoah	IA	No. 2	67,200.	34	40	01	02																		
23001	East Lansing	MI	A	1.98	41	59	01	02		04																
23002	East Lansing	MI	B	1.35	41	59	01	02		04																
23003	East Lansing	MI	W	1.65	41	59	01	02		04																
24001	Bethany	MO	Pa-A	2.03	34	42	01	02																		
24002	Bethany	MO	Pa-B	5.56	32	42	01	02																		
24003	Bethany	MO	Pa-C	1.97	37	42	01	02																		
24004	Bethany	MO	D-1	7.51	34	42	01	02																		
24005	Bethany	MO	D-2	8.03	34	42	01	02																		
24006	Bethany	MO	D-3	4.48	32	42	01	02	03																	
24007	Bethany	MO	1-58	2.12	33	42	01	02																		
24008	Bethany	MO	IJ-1	2.13	33	42	01	02																		
25001*	McCredie	MO	S.R.W.	153.	41	07	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
25002	McCredie	MO	No.2	44.3	51	63	07	01	02		04	05	06	07												

See footnotes at end of table.



Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>--Continued

Water-shed ident. code <sup>2/</sup>	Study location		Water-shed name-No.	Area in acres <sup>3/</sup>	Record (19--) B E No. <sup>4/</sup>	Rev. ref. No. <sup>5/</sup>	Index to information in reference <sup>1/</sup> --																			
	Town	State					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
26001*	Coshocton	OH	102	1.26	37	06	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
26002*	Coshocton	OH	104	1.33	37 46		01	02		04																
26003*	Coshocton	OH	129	2.71	38 71	06	01	02		04	05	06	07	08	09	10	11	12	13	14	15				19	
26004*	Coshocton	OH	135	2.69	38 69	06	01	02		04	05	06	07	08	09	10	11	12	13						19	
26005*	Coshocton	OH	130	1.63	38 71	06	01	02		04	05	06	07	08	09	10	11	12	13	14						
26006*	Coshocton	OH	107	2.59	38 46		01	02		04																
26007*	Coshocton	OH	131	2.21	38 69	06	01	02		04	05	06	07	08	09	10	11	12	13							
26008*	Coshocton	OH	132	0.62	48 69	06	01	02		04	05	06	07	08	09	10	11	12	13							
26009*	Coshocton	OH	134	0.92	38 46		01	02		04																
26010*	Coshocton	OH	123	1.37	39	06	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
26011*	Coshocton	OH	115	1.61	39 70	06	01	02		04	05	06	07	08	09	10	11	12	13							
26012*	Coshocton	OH	127	1.65	49 70	06	01	02		04	05	06	07	08	09	10	11	12	13							
26013*	Coshocton	OH	109	1.69	38	06	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
26014*	Coshocton	OH	103	0.65	39	06	01	02		04	05	06	07	08	09	10	11	12	13							
26015*	Coshocton	OH	110	1.27	39	06	01	02		04	05	06	07	08	09	10	11	12	13						19	
26016*	Coshocton	OH	113	1.45	39 76	06	01	02		04	05	06	07	08	09	10	11	12	13							
26017*	Coshocton	OH	118	1.96	40 76	06	01	02		04	05	06	07	08	09	10	11	12	13							
26018*	Coshocton	OH	111	1.18	39 70	06	01	02		04	05	06	07	08	09	10	11	12	13							
26019*	Coshocton	OH	121	1.42	39	06	01	02		04	05	06	07	08	09	10	11	12	13						19	
26020*	Coshocton	OH	106	1.56	39 72	06	01	02		04	05	06	07	08	09	10	11	12	13	14	15				19	
26021*	Coshocton	OH	188	2.05	39 70	06	01	02		04	05	06	07	08	09	10	11	12	13							
26022*	Coshocton	OH	124	2.07	39 47		01	02		04																
26023*	Coshocton	OH	185	7.40	39 72	06	01	02		04	05	06	07	08	09	10	11	12	13	14						
26024*	Coshocton	OH	187	7.20	41 72	06	01	02		04	05	06	07	08	09	10	11	12	13	14						
26025*	Coshocton	OH	192	7.59	39	06	01	02		04	05	06	07	08	09	10	11	12	13							
26026*	Coshocton	OH	172	43.6	39 72	06	01	02		04	05	06	07	08	09	10	11									
26027*	Coshocton	OH	169	29.0	40 71	06	01	02		04	05	06	07	08	09	10	11	12	13							
26028*	Coshocton	OH	177	75.6	40 71	06	01	02		04	05	06	07	08	09	10	11	12	13							
26029*	Coshocton	OH	183	74.2	38 63	06	01	02	03	04	05	06	07													
26030*	Coshocton	OH	196	303.	37	06	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
26031*	Coshocton	OH	10	122.	39 71	06	01	02		04	05	06	07	08	09	10	11	12	13	14						
26032*	Coshocton	OH	5	349.	40 71	06	01	02		04	05	06	07	08	09	10	11	12	13	14						
26033*	Coshocton	OH	92	920.	39 71	06	01	02		04	05	06	07	08	09	10	11	12	13	14						
26034*	Coshocton	OH	94	1,520.	39 71	06	01	02		04	05	06	07	08	09	10	11	12	13	14						
26035*	Coshocton	OH	95	2,570.	39 72	06	01	02		04	05	06	07	08	09	10	11	12	13	14	15					
26036*	Coshocton	OH	97	4,580.	37 70	06	01	02	03	04	05	06	07	08	09	10	11	12	13	14						
26037*	Coshocton	OH	994	17,400.	36	06	01	02		04	05	06	07	08	09	10	11									
26038*	Coshocton	OH	174	52.8	60 77	06				05	06	07	08	09	10	11	12	13	14	15	16	17	18	19		
26039*	Coshocton	OH	194	187.	60 77	06				05	06	07	08	09	10	11	12	13	14	15	16	17	18	19		
26040*	Coshocton	OH	182	69.6	64										10	11	12	13	14					19		
26041*	Coshocton	OH	166	79.2	67														13	14	15				19	
27001	Hamilton	OH	W-1	187.	38 44		01	02	03																	
27002	Hamilton	OH	W-II	16.2	38 44		01	02																		
27003	Hamilton	OH	W-III	28.8	38 44		01	02																		
27004	Hamilton	OH	W-IV	20.3	38 44		01	02																		
28001	Zanesville	OH	C.W.	2.55	34 45		01	02																		
28002	Zanesville	OH	P.W.	3.57	34 45		01	02																		
28003	Zanesville	OH	W.W.	2.23	34 45		01	02																		
29001	Colby	WI	W-1	345.	49 66		01	02	03	04	05	06	07	08	09	10										
30001	Coon Valley	WI	No. 1	49,400.	34 40		01	02																		
30002	Coon Valley	WI	No. 2	49,344.	34 40		01	02																		
31001*	Fennimore	WI	W-1	330.	38 69	07	01	02	03	04	05	06	07	08	09	10	11									
31002*	Fennimore	WI	W-2	22.8	38 68	07	01	02	03	04	05	06	07	08	09	10	11									
31003*	Fennimore	WI	W-3	52.5	38 69	07	01	02		04	05	06	07	08	09	10	11									
31004*	Fennimore	WI	W-4	171.	38 68	07	01	02	03	04	05	06	07	08	09	10	11									
32001	La Crosse	WI	U.P.W.	2.41	33 55		01	02																		
32002	La Crosse	WI	U.C.W.	2.24	33 46		01	02																		
32003	La Crosse	WI	C.W.	2.71	37 63	07	01	02		04	05	06	07													
32004	La Crosse	WI	C.W.A.	2.95	52 63	07	01	02		04	05	06	07													
32005	La Crosse	WI	E-3	1.01	33 42		01	02																		
32006	La Crosse	WI	A-4	2.21	33 54		01	02																		

See footnotes at end of table.

Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>--Continued

Water-shed ident. code <sup>2/</sup>	Study location		Water-shed name-No.	Area in acres <sup>3/</sup>	Record (19--)		Rev. ref. No. <sup>5/</sup>	Index to information in reference <sup>1/</sup> --																						
	Town	State			B <sub>4/</sub>	E <sub>5/</sub>		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19				
33001	Bentonville	AR	W-1	10.03	38	43		01	02																					
33002	Bentonville	AR	W-2	9.34	38	47		01	02																					
33003	Bentonville	AR	W-3	14.25	38	47		01	02																					
33004	Bentonville	AR	W-4	24.	39	47		01	02																					
33005	Bentonville	AR	W-5	19.4	38	47		01	02	03																				
33006	Bentonville	AR	W-6	10.75	39	47		01	02																					
34001*	Cherokee	OK	W-1	2.23	42	60		01	02		04																			
34002*	Cherokee	OK	W-2	4.82	42	60		01	02		04																			
34003	Cherokee	OK	W-3	8.04	42	60		01	02		04																			
34004	Cherokee	OK	W-4	4.35	42	60		01	02		04																			
34005	Cherokee	OK	W-5	7.85	42	60		01	02		04																			
34006*	Cherokee	OK	W-6	1.75	42	60		01	02		04																			
34007*	Cherokee	OK	W-7	1.99	42	60		01	02		04																			
34008*	Cherokee	OK	W-8	4.72	41	60		01	02		04																			
34009	Cherokee	OK	W-9	8.50	42	60		01	02	03	04																			
34010	Cherokee	OK	W-10	1.68	60	67						05	06	07	08	09	10	11												
34011	Cherokee	OK	W-11	2.12	60	67						05	06	07	08	09	10	11												
34012	Cherokee	OK	W-12	1.68	60	67						05	06	07	08	09	10	11												
34013*	Cherokee	OK	W-13	1.99	60	67						05	06	07	08	09	10	11												
34014	Cherokee	OK	W-14	2.16	60	67						05	06	07	08	09	10	11												
34015	Cherokee	OK	W-15	2.15	60	67						05	06	07	08	09	10	11												
35001*	Guthrie	OK	W-1	33.40	32	53		01	02																					
35002*	Guthrie	OK	W-2	3.21	31	51		01	02																					
35003*	Guthrie	OK	W-3	3.13	30	51		01	02																					
35004*	Guthrie	OK	W-4	5.62	31	53		01	02																					
35005*	Guthrie	OK	W-5	5.28	31	47		01	02																					
35006*	Guthrie	OK	W-I	2.50	37	53		01	02																					
35007*	Guthrie	OK	W-II	5.09	42	55		01	02																					
35008*	Guthrie	OK	W-III	9.09	42	53		01	02																					
35009*	Guthrie	OK	W-IV	13.4	42	53		01	02																					
35010*	Guthrie	OK	W-V	15.7	42	53		01	02																					
35011*	Guthrie	OK	W-VI	94.8	42	55		01	02	03																				
36001	Muskogee	OK	W-I	14.5	39	47		01	02																					
36002	Muskogee	OK	W-II	65.4	39	45		01	02																					
36003	Muskogee	OK	W-IV	24.9	38	47		01	02																					
37001*	Stillwater	OK	W-1	16.7	51		05	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19				
37002*	Stillwater	OK	W-3	92.	51	72		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19				
37003*	Stillwater	OK	W-4	206.	51			01	02		04	05	06	07	08	09	10	11	12	13	14	15	16							
38001	Garland	TX	W-I	25.	38	47		01	02																					
38002	Garland	TX	W-III	10.4	38	47		01	02																					
38003	Garland	TX	W-IV	16.2	39	47		01	02																					
39001	Spur	TX	W-1	11.53	27	45		01	02																					
39002	Spur	TX	W-2	9.39	27	45		01	02																					
39003	Spur	TX	W-3	11.71	27	44		01	02																					
39004	Spur	TX	W-5	5.81	27	45		01	02																					
39005	Spur	TX	W-6	5.32	27	45		01	02																					
39006	Spur	TX	W-11	8.70	30	45		01	02																					
39007	Spur	TX	W-12	8.41	30	45		01	02																					
39008	Spur	TX	W-14	8.53	30	45		01	02																					
39009	Spur	TX	W-15	8.50	30	45		01	02																					
40001	Tyler	TX	W-2	9.15	43	44		01	02	03																				
40002	Tyler	TX	W-3	7.94	32	42		01	02																					
40003	Tyler	TX	W-4	6.05	31	42		01	02																					
40004	Tyler	TX	W-5	1.57	32	42		01	02																					
41001	Vega	TX	W-1	129.	38	43		01	02																					
41002	Vega	TX	W-2	95.9	38	43		01	02	03																				
42001	Riesel	TX	A	42.	38	43		01	02																					
42002*	Riesel	TX	C	579.	38		08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19				
42003*	Riesel	TX	D	1,110.	37		08	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19				
42004*	Riesel	TX	G	4,380.	38		08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19				
42005	Riesel	TX	J	5,860.	37	43		01	02	03																				

See footnotes at end of table.

Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>--Continued

Water- shed ident. code <sup>3/</sup>	Study location		Water- shed name-No.	Area in acres <sup>3/</sup>	Record (19--) B <sub>4</sub> /E <sub>5</sub>	Rev. ref. No. 5/	Index to information in reference <sup>1/</sup> --																			
	Town	State					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42006*	Riesel	TX	W-1	174.	37	08	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42007*	Riesel	TX	W-2	130.	37	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42008*	Riesel	TX	W-6	42.3	39	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42009	Riesel	TX	W-8	40.4	38 43		01	02																		
42010*	Riesel	TX	W-10	19.7	38	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42011*	Riesel	TX	Y	309.	37	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42012*	Riesel	TX	Y-2	132.	39	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42013*	Riesel	TX	Y-4	79.9	39	08	01	02		04	05	06	07	08	09	10	11	12								
42014*	Riesel	TX	Y-6	16.3	39	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42015*	Riesel	TX	Y-7	40.	39	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42016*	Riesel	TX	Y-8	20.8	39	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42017*	Riesel	TX	Y-10	18.6	38	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42018	Riesel	TX	SW-2	2.7	38 43		01	02																		
42019	Riesel	TX	SW-3	3.09	39 43		01	02																		
42020	Riesel	TX	SW-5	3.09	38 43		01	02																		
42021	Riesel	TX	SW-6	3.04	38 43		01	02																		
42022	Riesel	TX	SW-7	3.15	38 43		01	02																		
42023*	Riesel	TX	SW-11	2.66	38		01	02											13	14	15	16	17	18	19	
42024*	Riesel	TX	SW-12	2.90	38	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42025	Riesel	TX	SW-13	3.19	38 43		01	02																		
42026	Riesel	TX	SW-14	3.02	39 43		01	02																		
42027	Riesel	TX	SW-16	3.17	37 43		01	02																		
42028*	Riesel	TX	SW-17	2.99	39	08	01	02		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
42029	Riesel	TX	SW-18	3.04	38 43		01	02																		
42030	Riesel	TX	Z	310.	39 43		01	02																		
42031*	Riesel	TX	P-1	.24	38 68	08				05	06	07	08	09	10	11	12									
42032*	Riesel	TX	P-2	.24	38 68	08				05	06	07	08	09	10	11	12									
42033*	Riesel	TX	P-3	.24	38 68	08				05	06	07	08	09	10	11	12									
42034*	Riesel	TX	P-4	.24	38 68	08				05	06	07	08	09	10	11	12									
42035*	Riesel	TX	SW-19	3.25	70															14	15	16	17	18	19	
42036*	Riesel	TX	SW-20	3.21	70															14	15	16	17	18	19	
42037*	Riesel	TX	Y-13	11.3	69														13	14	15	16	17	18	19	
42038*	Riesel	TX	Y-14	5.6	69														13	14	15	16	17	18	19	
42039*	Riesel	TX	W-12	9.9	69														13	14	15	16	17	18	19	
42040*	Riesel	TX	W-13	11.3	69														13	14	15	16	17	18	19	
43001	Hays	KS	6L	2.85	34 38		01	02																		
43002	Hays	KS	AG	1.61	32 47		01	02																		
44001*	Hastings	NE	W-3	481.	38 67	06	01	02	03	04	05	06	07	08	09	10	11									
44002*	Hastings	NE	W-5	411.	39 67		01	02		04	05															
44003*	Hastings	NE	W-8	2,086.	39 67	06	01	02	03	04	05	06	07	08	09	10	11									
44004*	Hastings	NE	W-11	3,490.	39 67	06	01	02		04	05	06	07	08	09	10	11									
44005*	Hastings	NE	1-H	3.62	39 67	06	01	02		04	05	06	07	08	09	10	11									
44006*	Hastings	NE	2-H	3.40	39 67	06	01	02		04	05	06	07	08	09	10	11									
44007*	Hastings	NE	3-H	3.77	39 67	06	01	02		04	05	06	07	08	09	10	11									
44008*	Hastings	NE	4-H	3.64	39 67	06	01	02		04	05	06	07	08	09	10	11									
44009*	Hastings	NE	5-H	4.02	39 67	06	01	02		04	05	06	07	08	09	10	11									
44010*	Hastings	NE	6-H	4.01	39 67	06	01	02		04	05	06	07	08	09	10	11									
44011*	Hastings	NE	7-H	4.26	39 67	06	01	02		04	05	06	07	08	09	10	11									
44012*	Hastings	NE	8-H	3.97	39 67	06	01	02		04	05	06	07	08	09	10	11									
44013*	Hastings	NE	9-H	3.78	39 54		01	02																		
44014*	Hastings	NE	10-H	3.98	39 54		01	02																		
44015*	Hastings	NE	11-H	3.85	39 54		01	02																		
44016*	Hastings	NE	12-H	3.66	39 54		01	02																		
44017*	Hastings	NE	13-H	3.41	39 54		01	02																		
44018*	Hastings	NE	14-H	3.35	39 54		01	02																		
44019*	Hastings	NE	15-H	3.62	39 54		01	02																		
44020*	Hastings	NE	16-H	3.57	39 54		01	02																		

See footnotes at end of table.

Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>--Continued

Water-shed ident. code <sup>2/</sup>	Study location		Water-shed name-No.	Area in acres <sup>3/</sup>	Record (19--)		Rev. ref. No. 5/	Index to information in reference <sup>1/</sup> --																			
	Town	State			B	E		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	
44021*	Hastings	NE	17-H	3.96	39	54		01	02																		
44022*	Hastings	NE	18-H	3.74	39	67	06	01	02		04	05	06	07	08	09	10	11									
44023*	Hastings	NE	19-H	4.10	41	54		01	02																		
44024*	Hastings	NE	20-H	4.05	41	54		01	02																		
44025*	Hastings	NE	21-H	3.94	41	54		01	02																		
44026*	Hastings	NE	22-H	3.83	41	67	06	01	02				06	07	08	09	10	11									
44027*	Hastings	NE	23-H	4.20	41	67		01	02				06	07	08	09	10	11									
44028*	Hastings	NE	24-H	4.21	41	54		01	02																		
44029*	Hastings	NE	25-H	2.24	63	67								07	08	09	10	11									
45001*	Safford	AZ	W-I	519.	39	76	07	01	02		04	05	06	07	08	09	10	11									
45002*	Safford	AZ	W-II	682.	39	76	08	01	02	03	04	05	06		08	09	10	11									
45003*	Safford	AZ	W-IV	764.	39	76		01	02		04	05	06		08	09	10	11									
45004*	Safford	AZ	W-V	723.	39	76	07	01	02		04	05	06	07	08	09	10	11									
46001	Colorado Spr.	CO	W-1	10.6	38	46		01	02																		
46002	Colorado Spr.	CO	W-2	39.7	38	46		01	02																		
46003	Colorado Spr.	CO	W-3	35.4	38	46		01	02																		
46004	Colorado Spr.	CO	W-4	35.6	38	46		01	02	03																	
47001*	Albuquerque	NM	W-I	246.	39	76	08	01	02	03	04	05	06		08	09	10	11	12								
47002*	Albuquerque	NM	W-II	40.5	39	76	07	01	02		04	05	06	07	08	09	10	11	12								
47003*	Albuquerque	NM	W-III	176.	39	76	07	01	02		04	05	06	07	08	09	10	11	12								
48001	Mexican Spr.	NM	W-1	187.	38	42		01	02																		
48002	Mexican Spr.	NM	W-2	610.	37	42		01	02	03																	
48003	Mexican Spr.	NM	W-3	1,325.	38	42		01	02																		
48004	Mexican Spr.	NM	W-6	5,550.	37	42		01	02	03																	
48005	Mexican Spr.	NM	W-7	8,495.	38	42		01	02																		
48006	Mexican Spr.	NM	W-8	20,910.	37	42		01	02	03																	
48007	Mexican Spr.	NM	W-10	17,220.	37	42		01	02																		
48008	Mexican Spr.	NM	W-11	46,080.	37	39		01	02	03																	
48009	Mexican Spr.	NM	W-12	2,550.	37	39		01	02																		
48010	Mexican Spr.	NM	W-13	3,360.	37	39		01	02																		
48011	Mexican Spr.	NM	W-14	3,560.	37	38		01	02																		
48012	Mexican Spr.	NM	W-15	4,740.	37	39		01	02																		
49001	Santa Fe	NM	W-I	141.	39	48		01	02	03																	
49002	Santa Fe	NM	W-II	790.	39	48		01	02																		
49003	Santa Fe	NM	W-III	51.6	39	48		01	02																		
50001	Placerville	CA	W-1	41.	35	44		01	02	03																	
51001	Santa Paula	CA	W-1	413.	38	42		01	02																		
51002	Santa Paula	CA	W-3	106.	38	42		01	02																		
51003	Santa Paula	CA	W-4	44.4	38	42		01	02																		
51004	Santa Paula	CA	W-5	55.1	38	42		01	02																		
51005	Santa Paula	CA	W-6	163.	38	42		01	02																		
51006	Santa Paula	CA	H.B.R.	735.	36	42		01	02																		
51007	Santa Paula	CA	L.A.	1,607.	34	40		01	02																		
51008	Santa Paula	CA	H.P.R.	1,832.	34	43		01	02																		
51009	Santa Paula	CA	H.A.B.	5,939.	34	37		01	02																		
52001	Sebastopol	CA	W-1	83.	36	43		01	02	03																	
52002	Sebastopol	CA	W-2	56.	36	40		01	02																		
53001	Vacaville	CA	W-I	40.	37	42		01	02																		
54001	Watsonville	CA	W-1	16.8				01	02																		
54002	Watsonville	CA	W-2	18.5				01	02																		
54003	Watsonville	CA	W-3	27.4	38	42		01	02	03																	
54004	Watsonville	CA	W-4	10.1	38	42		01	02																		
55001	Emmett	ID	W-1	219.4	38	41		01	02																		
55002	Emmett	ID	W-2	69.4	38	41		01	02	03																	
56001*	Moscow	ID	W-1	146.8	37	42		01	02	03																	
56002*	Moscow	ID	W-2	177.9	37	42		01	02	03																	

See footnotes at end of table.



Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-191/ --Continued

Water- shed ident. code <sub>2/</sub>	Study location		Water- shed name-No.	Area in acres <sub>3/</sub>	Record (19--) B <sub>4/</sub> E <sub>5/</sub>	Rev. ref. No.	Index to information in reference <sub>1/--</sub>																		
	Town	State					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
57001	Newberg	OR	W-1	13.2	38	42	01	02	03																
57002	Newberg	OR	W-2	21.6	38	42	01	02																	
57003	Newberg	OR	W-3	12.8	38	42	01	02	03																
57004	Newberg	OR	W-4	6.2	38	42	01	02	03																
58001	Dayton	WA	W-1	19.2	39	42	01	02																	
59001	Pullman	WA	S.F.P.R.	51,900.	34	40	01	02																	
59002	Pullman	WA	M.F.C.	17,600.	34	40	01	02																	
59003	Pullman	WA	F.M.C.	46,000.	34	40	01	02																	
60001	Pullman	WA	G.S.2	68.2	31	46	01	02	03																
60002	Pullman	WA	G.S.4	2.33	31	38	01	02																	
60003	Pullman	WA	G.S.5	14.4	32	46	01	02																	
60004	Pullman	WA	G.S.6	15.2	32	46	01	02																	
60005	Pullman	WA	G.S.7	16,700.	32	38	01	02																	
60006	Pullman	WA	G.S.8	762.	34	41	01	02	03																
60007	Pullman	WA	G.S.9	879.	41	46	01	02																	
60008	Pullman	WA	G.S.10	4,430.	41	47	01	02	03																
61001*	Monticello	IL	TA	82.	49	59	01	02	03	04														18	19
61002*	Monticello	IL	IB	45.5	49	59	01	02	03	04														18	19
62001*	Oxford	MS	W-4	2,000.	57	06	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18			
62002*	Oxford	MS	W-5	1,000.	57	06	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18			
62003*	Oxford	MS	W-10	5,530.	57	06	03	04	05	06	07	08	09	10	11	12	13	14	15						
62004*	Oxford	MS	W-12	22,800.	57	06		04	05	06	07	08	09	10	11	12	13	14	15						
62005*	Oxford	MS	W-17	32,100.	57	06		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18			
62006	Oxford	MS	W-19	243.	57	64	06	04	05	06	07	08													
62007*	Oxford	MS	W-24	512.	57	06		04	05	06	07	08	09	10	11	12	13	14	15						
62008*	Oxford	MS	W-28	1,080.	57	06		04	05	06	07	08	09	10	11	12	13	14	15						
62009	Oxford	MS	W-30	113.	57	59		04																	
62010*	Oxford	MS	W-32	20,000.	57	06		04	05	06	07	08	09	10	11	12	13	14	15	16	17	18			
62011*	Oxford	MS	W-34	75,000.	57	06	03	04	05	06	07	08	09	10	11	12	13		15	16	17	18			
62012*	Oxford	MS	W-35	7,550.	57	77		04	05	06	07	08	09	10	11	12	13	14	15						
62013	Oxford	MS	WC-1	3.88	58	06		04	05	06	07	08	09	10	11										
62014*	Oxford	MS	WC-2	1.45	58	06		04	05	06	07	08	09	10	11										
62015	Oxford	MS	WC-3	1.61	58	06		04	05	06	07	08	09	10	11										
62016	Oxford	MS	WP-4	3.01	58	63	06	04	05	06	07														
62017*	Oxford	MS	W-17A	3,200.	57	06		05	06	07	08	09	10	11	12	13	14	15							
62018*	Oxford	MS	W-35A	1,090.	57	06		05	06	07	08	09	10	11	12	13	14	15							
63001*	Tombstone	AZ	W-1	36,900.	54	74	07	04	05	06	07	08	09	10		12	13	14	15	16	17	18	19		
63002*	Tombstone	AZ	W-2	28,100.	54	74	07	04	05	06	07		09	10		12	13	14	15	16	17	18	19		
63003*	Tombstone	AZ	W-3	2,220.	54	74	07	04	05	06	07		09	10	11	12	13	14	15	16	17	18	19		
63004*	Tombstone	AZ	W-4	560.	54	74	07	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19		
63005*	Tombstone	AZ	W-5	5,510.	54	73	07	04	05	06	07														
63006*	Tombstone	AZ	W-6	23,500.	62	74						07	08	09	10		12	13	14	15					
63007*	Tombstone	AZ	6307	3,340.	66	74										10	11								
63008*	Tombstone	AZ	6308	3,830.	63	74							08	09	10		12	13	14	15	16	17	18	19	
63011*	Tombstone	AZ	6311	2,035.	63	74							08	09	10		12	13	14	15	16	17	18	19	
63015*	Tombstone	AZ	6315	5,912.	65	74								09	10	11	12	13	14	15	16	17	18	19	
63103*	Tombstone	AZ	63103	8.3	65											10	11	12				16	17	18	19
63111	Tombstone	AZ	63111	143.	62	68										10	11	12							
64001*	Santa Rosa	NM	W-1	42,880.	55	79		04	05	06	07	08	09	10		12	13	14	15	16	17	18	19		
65002	Newell	SD	W-2	115.	58	73		04	05	06	07	08	09	10	11	12	13	14	15	16					
65003	Newell	SD	W-3	90.	58	61		04	05																
65004	Newell	SD	W-4	105.	58	61		04	05																
65005	Newell	SD	W-5	46.	58	73		04	05	06	07	08	09	10	11	12	13	14	15	16					
65006	Newell	SD	W-6	30.	58	61		04	05																
65007	Newell	SD	W-7	160.	58	73	05	04	05	06	07	08	09	10	11	12	13	14	15	16					
65008	Newell	SD	W-8	160.	58	61		04	05																
65009	Newell	SD	W-9	815.	58	61		04	05																
65010	Newell	SD	W-10	280.	58	61		04	05																
65011	Newell	SD	W-11	160.	58	61		04	05																

See footnotes at end of table.

Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>--Continued

Water- shed ident. code <sup>2/</sup>	Study location		Water- shed name-No.	Area in acres <sup>3/</sup>	Record (19--) B <sub>4</sub> /E <sub>5</sub>	Rev. ref. No. <sup>5/</sup>	Index to information in reference <sup>1/</sup> --																						
	Town	State					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19				
65012	Newell	SD	W-12	90.	58 73	05					04	05	06	07	08	09	10	11	12	13	14	15	16						
65013	Newell	SD	W-13	160.	58 73						04	05	06	07	08	09	10	11	12	13	14	15	16						
65014	Newell	SD	W-14	35.	58 73	05					04	05	06	07	08	09	10	11	12	13	14	15	16						
65015	Newell	SD	W-15	115.	58 73	05					04	05	06	07	08	09	10	11	12	13	14	15	16						
65016	Newell	SD	W-16	13,000.	58 61	05					04	05																	
66001*	Moorefield	WV	W-1	8.57	58 67	06					04	05	06	07	08	09	10	11											
66002*	Moorefield	WV	W-2	9.73	58 67	06					04	05	06	07	08	09	10	11											
66004*	Moorefield	WV	W-4	6.32	58 67	06					04	05	06	07	08	09	10	11											
66005*	Moorefield	WV	W-5	9.55	58 67	06					04	05	06	07	08	09	10	11											
67001*	N. Danville	VT	W-1	10,610.	58 76						04	05	06	07	08			11	12	13	14	15	16	17					
67002*	N. Danville	VT	W-2	146.	58 78						04	05	06	07	08			11	12	13	14	15							
67003*	N. Danville	VT	W-3	2,067.	60							05	06	07	08			11	12	13	14	15	16	17					
67004*	N. Danville	VT	W-4	10,752.	60 74													11	12	13	14	15	16	17					
67005*	N. Danville	VT	W-5	27,469.	60 79							05	06	07	08			11	12	13	14	15	16	17					
68001*	Reynolds	ID	W-1	57,700.	63									07	08	09	10	11	12	13	14	15	16	17	18	19			
68002*	Reynolds	ID	W-2	8,990.	65											09	10	11	12	13	14	15	16	17	18	19			
68003*	Reynolds	ID	W-3	7,846.	66													10	11	12	13	14	15	16	17	18	19		
68004*	Reynolds	ID	W-4	13,453.	67														11	12	13	14	15	16	17	18	19		
68011*	Reynolds	ID	W-11	306.	67 78														11	12	13	14	15	16	17	18	19		
68012*	Reynolds	ID	W-12	205.	67 77														11	12	13	14	15	16	17	18	19		
68013*	Reynolds	ID	W-13	100.	63													10	11	12	13	14	15	16	17	18	19		
68014*	Reynolds	ID	W-14	33.	67														11	12	13	14	15	16	17	18	19		
69001*	Chickasha	OK	100	2,339,800.	61 79									06	07	08	09	10	11	12	13	14	15	16	17	18	19		
69002*	Chickasha	OK	200	(d)2,612,500. (e) 273,000.	61 75									06	07	08	09	10	11	12	13	14	15	16	17	18			
69004*	Chickasha	OK	400	(d)2,725,760. (e) 112,910.	61 68									06	07	08	09	10											
69005*	Chickasha	OK	500	(d)2,769,920. (e) 43,840.	64 78											08	09	10	11	12	13	14	15	16	17	18	19		
69006*	Chickasha	OK	600	(d)3,011,800. (e) 243,050.	63 72										07	08	09	10	11	12	13	14							
69007*	Chickasha	OK	700	(d)3,061,120. (e) 50,830.	61 78									06	07	08	09	10	11	12	13	14	15	16	17	18	19		
69008*	Chickasha	OK	611	4,845.	61 74									06	07	08	09				13	14	15	16	17	18			
69009*	Chickasha	OK	612	563.	61 74									06	07	08	09	10	11	12	13	14	15	16	17	18			
69010*	Chickasha	OK	111	16,634.	62 78									06	07	08	09	10	11	12	13	14	15	16	17	18	19		
69011*	Chickasha	OK	131	25,660.	62 78									06	07	08	09	10	11	12	13	14	15	16	17	18	19		
69012*	Chickasha	OK	411	33,330.	62 74									06	07	08	09	10	11	12	13	14	15	16	17	18			
69013*	Chickasha	OK	511	38,020.	62 78									06	07	08	09	10	11	12	13	14	15	16	17	18	19		
69014*	Chickasha	OK	110	25,020.	63 78										07	08	09	10	11	12	13	14	15	16	17	18	19		
69015*	Chickasha	OK	522	132,990.	63										07	08	09	10	11	12	13	14	15	16	17	18	19		
69016*	Chickasha	OK	512	22,530.	63 78										07	08	09	10	11	12	13	14	15	16	17	18	19		
69017*	Chickasha	OK	621	21,310.	63										07	08	09	10	11	12	13	14	15	16	17	18	19		
69018*	Chickasha	OK	121	131,780.	63 74									07	08	09	10	11	12	13	14	15	16	17	18				
69019*	Chickasha	OK	513	12,314.	65 78												09	10	11	12	13	14	15	16	17	18	19		
69020	Chickasha	OK	514	7,225.	67 78															11									
69021	Chickasha	OK	5141	4,064.	67 78															11									
69022	Chickasha	OK	5142	360.	67 74															11									
69023	Chickasha	OK	5143	485.	67 74															11									
69024	Chickasha	OK	5144	1,456.	67 78															11									
69025	Chickasha	OK	5145	253.	67 78															11									
69026	Chickasha	OK	5146	762.	67 78															11									
69027*	Chickasha	OK	311	15,206.	67 78															11	12	13	14	15	16	17	18	19	
69028*	Chickasha	OK	515	1,657.	73																				17	18	19		
69030*	Chickasha	OK	C-1	17.8	65 76													09	10	11	12	13	14	15	16	17	18	19	
69031*	Chickasha	OK	C-2	32.5	62 75														09	10	11	12	13	14	15	16	17	18	
69032*	Chickasha	OK	C-3	44.3	65 76														09	10	11	12	13	14	15	16	17	18	19

See footnotes at end of table.

Table 2.--Index to information on experimental agricultural watersheds  
included in references 1-19<sup>1/</sup>--Continued

Water- shed ident. code <sup>2/</sup>	Study location		Water- shed name-No.	Area in acres <sup>3/</sup>	Record (19--)	Rev. ref. B <sub>4</sub> /E <sub>5</sub> No.	Index to information in reference <sup>1/</sup> --																		
	Town	State					01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
69033*	Chickasha	OK	C-4	29.9	65	76								09	10	11	12	13	14	15	16	17	18	19	
69034*	Chickasha	OK	C-5	12.8	65	76								09	10	11	12	13	14	15	16	17	18	19	
69035*	Chickasha	OK	C-6	13.0	65	76								09	10	11	12	13	14	15	16	17	18	19	
69036*	Chickasha	OK	C-7	26.5	65	76								09	10	11	12	13	14	15	16	17	18	19	
69037*	Chickasha	OK	C-8	27.3	65	76								09	10	11	12	13	14	15	16	17	18	19	
69038	Chickasha	OK	R-1	17.8	62	74								09	10	11	12	13	14	15	16	17	18		
69039	Chickasha	OK	R-2	24.1	62	74								09	10	11	12	13	14	15	16	17	18		
69040	Chickasha	OK	R-3	25.8	62	74								09	10	11	12	13	14	15	16	17	18		
69041	Chickasha	OK	R-4	18.1	62	74								09	10	11	12	13	14	15	16	17	18		
69042*	Chickasha	OK	R-5	23.7	66	78									10	11	12	13	14	15	16	17	18	19	
69043*	Chickasha	OK	R-6	27.2	66	78									10	11	12	13	14	15	16	17	18	19	
69044*	Chickasha	OK	R-7	19.2	66	78									10	11	12	13	14	15	16	17	18	19	
69045*	Chickasha	OK	R-8	27.6	66	78									10	11	12	13	14	15	16	17	18	19	
70001*	Sonora	TX	W-14	30,720.	61	73										11	12	13	14	15	16				
70002*	Sonora	TX	S-9	1,774.	61	73										11	12	13	14	15	16				
70003*	Sonora	TX	S-10	5,392.	61	73										11	12	13	14	15	16				
70004*	Sonora	TX	S-11	10,787.	61	73										11	12	13	14	15	16				
70005*	Sonora	TX	S-12	2,801.	61	73										11	12	13	14	15					
70006*	Sonora	TX	S-13	686.	61	73										11	12	13	14	15	16				
70007*	Sonora	TX	W-1	10.2	63	75										11	12	13	14	15	16				
70008*	Sonora	TX	W-2	8.6	65	75										11	12	13	14	15	16				
70009*	Sonora	TX	W-3	6.7	65	75										11	12	13	14	15	16				
70010*	Sonora	TX	W-4	4.5	66	75										11	12	13	14	15	16				
70011*	Sonora	TX	W-5	7.2	66	75										11	12	13	14	15	16				
70012*	Sonora	TX	W-6	6.9	66	75										11	12	13	14	15	16				
70013*	Sonora	TX	W-7	12.2	65	73										11	12	13	14	15	16				
71001*	Treynor	IA	W-1	74.5	64									08	09	10	11	12	13	14	15	16	17	18	19
71002*	Treynor	IA	W-2	82.8	64									08	09	10	11	12	13	14	15	16	17	18	19
71003*	Treynor	IA	W-3	107.	64									08	09	10	11	12	13	14	15	16	17	18	19
71004*	Treynor	IA	W-4	150.	64									08	09	10	11	12	13	14	15	16	17	18	19
71005*	Treynor	IA	W-5	389.	63	73								08	09	10	11	12	13	14	15				
72001*	Cottonwood	SD	H-2	2.13	63	73								09	10	11	12	13	14	15	16				
72002*	Cottonwood	SD	L-2	2.38	63	73								09	10	11	12	13	14	15	16				
72005*	Cottonwood	SD	M-1	2.35	63	73								09	10	11	12	13	14	15	16				
73002*	Fort Staunton	NM	7302	32.2	66										10										
74002*	Tifton	GA	W-TB	82,624.	69																			19	
74003*	Tifton	GA	W-TN	3,872.	68																			19	
74004*	Tifton	GA	W-TO	3,936.6	68																			19	
74005*	Tifton	GA	W-TF	28,403.8	68																			19	
74006*	Tifton	GA	W-TI	12,358.	68																			19	
74007*	Tifton	GA	W-TJ	5,466.	70																			19	
74008*	Tifton	GA	W-TK	4,141.	68																			19	
74009*	Tifton	GA	W-TM	672.	68																			19	
75001*	Ahoskie	NC	W-A1	36,480.	64	74								09	10	11	12	13	14	15	16				
75002*	Ahoskie	NC	W-A2	15,360.	64	74								09	10	11	12	13	14	15	16				
75003*	Ahoskie	NC	W-A3	2,368.	64	74								09	10	11	12	13	14	15	16				
75004*	Ahoskie	NC	W-A4	1,664.	64	74								09	10	11	12	13	14	15	16				

<sup>1/</sup>For description of references 1-19, see page 1 and table 1.

<sup>2/</sup>\* = streamflow data for all or part of record period are stored in ARS Water Data Bank.

<sup>3/</sup>(a) area changed from 63,170 acres (1-1-1967).

(b) area changed from 10,050 acres (1-1-1967).

(c) area changed from 22,656 acres (1-1-1967).

(d) = total drainage area.

(e) = total study area.

<sup>4/</sup>B = year (19--) record began; E = year (19--) record ended.

<sup>5/</sup>Reference in which additional or revised watershed information has been included.



bottom outside corner is a sequential page number and the decimal paging system is shown at the bottom center.

The geographic location associated with each study, usually a city and State, and the local name and number of the watershed are recorded at the top of the first page for each watershed. This identification is followed by detailed information on the geographic location, including latitude and longitude when available, and the size of the watershed.

In the space to the right of the first table title, MONTHLY PRECIPITATION AND RUNOFF (inches), the location and watershed number (or designation) are given.

In the table for the current calendar year, the precipitation (P) in inches is given in the monthly columns and the yearly total in the last column, headed annual. In the line below, the corresponding runoff (Q) in inches is similarly given for each month and the total for the year. For some watersheds, data are included for years previous to the current year. Underneath, in two lines, are given the (P) and (Q) station average amounts (STA AV) by months, with average annual total for the period of record.

In the second table, entitled ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS, data are also given for the calendar year listed in the first column. Under the maximum discharge heading, the date column shows the month and day that the instantaneous peak in inches per hour occurred. In computing this rate, corrections were made, where needed, for any significant pondage above the runoff-measuring device. Under the maximum volume heading, the date refers to the month and day on which the interval began; for example, if the interval began August 30 at 2359, the entry in the date column would be 8-30. The depths for 1 hour to 8 days are the annual maximum values recorded, without regard to entire clock hours or days; thus, if the 6-hour interval began at 1332, the interval would end exactly 6 hours later at 1932. The volume given is in inches of average depth over the watershed for each of the seven selected time intervals (1, 2, 6, and 12 hours and 1, 2, and 8 days). In the last section of the table, the maximum discharges and depths for the various periods are given under MAXIMUMS FOR PERIOD OF RECORD.

Notes and footnotes below the first two tables include (1) a general statement as to watershed conditions and other physical changes for the period covered; (2) location (publication) where the most recent map may be found; (3) length of precipitation and runoff records; and (4) location of the nearest longtime National Weather Service precipitation station together with the record length.

For some watersheds, tables of daily air temperature (maximum and minimum in degrees Fahrenheit), daily precipitation (inches), and mean daily discharge (cfs) are next, with explanation of the data in footnotes at the end of each table. The multiplier to convert mean daily discharge in cubic feet per second to inches per day is given as the first note following the mean daily discharge table. Cooperating agencies are identified at the bottom of the first page for each watershed just above the index page number.

If no daily tables are given, the tabular data for selected runoff events begin in the remaining space on the first page and are carried forward on continuation sheets (or pages) until completed. In general, the selected runoff events were those in which runoff was produced by a relatively uniform rainfall excess of short duration. The information for each event includes tabulation of (1) antecedent rainfall and runoff that occurred on the day of the event prior to the beginning of the event; (2) rainfall intensities and accumulated amounts for the event; (3) runoff rates and accumulated amounts for

the event; and (4) specific watershed conditions at the time of the event.

Simple graphs of rainfall and runoff rates for all events follow the tabular data. Runoff rates expressed in both cubic feet per second (CFS) and inches per hour (IN/HR) are shown on the graphs. Some very low runoff rates expressed in IN/HR are given in the "E" format, such as 7.25 E-4, which is equal to 0.000725 IN/HR.

Maps follow the graphs unless previously published in references 3-18 or unless shown herein on the map of another watershed.

In the Notes at the bottom of the first page for runoff events, the multiplier to convert runoff rates in cubic feet per second to inches per hour is given. The notes on continuation pages contain the statement on the multiplier and similar explanations of the data on each page.

### New Watersheds

For the watersheds installed in recent years and not reported previously (see table 3), the presentation begins with the watershed description in the upper part of the first page. The explanations and definitions on which the description is based are given in the next section.

The first line, centered at the top of the sheet, indicates the project location, which is the nearest city or town, the number or name of the watershed used locally, and the latitude and longitude of the stream gage. The descriptive material is then given under the 12 major topics listed generally down the left side of the sheet: Location, Area, Slopes, Soils, Erosion, Land Capability, Watershed Geology, Surface Drainage, Character of Flow, Instrumentation, Watershed Conditions, and Generally Represents.

After this description, the tabular data are summarized in the first two tables and data are included as previously described for contributing watersheds. The tabular data for daily air temperature, precipitation, and discharge, if presented, precede the tabular data for SELECTED RUNOFF EVENTS. The rest of the material of this series for this particular watershed follows in the same order as previously indicated.

### WATERSHED DESCRIPTIONS

The following definitions and explanations were used in describing watershed location, watershed characteristics, instrumentation, land management, and recommended area of application of the hydrologic data.

LOCATION gives county and State, distance and direction of the runoff gaging station from the nearest city or town, the major river basin in which it lies, and latitude and longitude. When two or more basins are involved, the tributary or subbasin is mentioned first, followed by the major basin.

AREA of watershed is given in acres if less than 640 acres and in both acres and square miles if more than 1 square mile. If areas are revised, additional values are included with notes identifying the date of change.

SLOPES are given in terms of the ranges commonly used in survey work in the locality. The percentages of the watershed lying in each slope class are listed. As an example, 8% is in 0-2% class means that 8 percent of the watershed area has slopes ranging from 0 to 2 percent.

SOILS are described briefly, according to definitions from the U.S. Department of Agriculture "Soil Survey Manual," Agriculture Handbook 18, published in 1951. Soil descriptions are given for the new watersheds. Soil-type name consists of

the soil series plus the textural class, determined primarily by the texture of the upper part of the soil profile.

Soil texture refers to the relative proportions of the various size groups (or separates) of individual soil grains in a mass of soil. Specifically it refers to the proportions of clay, silt, and sand less than 2 mm in diameter. The various classes of texture in order of increasing percentages of the smaller size groups are (1) sand, (2) loamy sand, (3) sandy loam, (4) loam, (5) silt loam, (6) silt, (7) sandy clay loam, (8) clay loam, (9) silty clay loam, (10) sandy clay, (11) silty clay, and (12) clay. In some of the descriptions the broader classification of coarse, moderately coarse, medium, moderately fine, and fine has been used—the coarse soils are the sands and the fine soils the clays.

Soil structure refers to the aggregation of primary soil particles into compound particles, or clusters of primary particles, that are separated from adjoining aggregates by surfaces of weakness. Structure grade, or the durability of the aggregates when subjected to disturbance, is described as structureless, weak, moderate, or strong. For some soils the structureless grade is described as massive, if coherent, or single grain, if noncoherent. The size of the aggregates is reported as very fine, fine, medium, coarse, or very coarse. Structure shape is given as being platy, prismatic, columnar, angular blocky, subangular blocky, granular, or crumb.

Permeability is the quality of a soil that enables it to transmit water or air. This quality is indicated by the terms very slow, slow, moderately slow, moderate, moderately rapid, rapid, or very rapid.

Internal soil drainage is the quality of a soil that permits the downward flow of excess water through it. Internal drainage is reflected in the frequency and duration of periods of saturation with water. It is determined by the texture, structure, and other characteristics of the soil profile and of underlying layers and by the height of the water table, either permanent or perched, in relation to the water added to the soil. Internal drainage is described as none, very slow, slow, medium, rapid, or very rapid.

Soils may be grouped into soil drainage classes, based on observations and inferences used to obtain classes of runoff, soil permeability, and internal soil drainage. These classes are given in some soils descriptions to identify internal drainage. They are very poorly drained, poorly drained, imperfectly or somewhat poorly drained, moderately well drained, well drained, somewhat excessively drained, or excessively drained.

EROSION conditions on the watershed are described according to the following classification for water and wind erosion, also briefed from Agriculture Handbook 18. The percentage of the watershed in the following erosion classes is given.

**Class 1.**—The soil has a few rills or places with thin A horizons that give evidence of accelerated erosion, but not to an extent to alter greatly the thickness and character of the A horizon. Except for soils having very thin A horizons (less than 8 inches), the surface soil consists entirely of A horizon throughout nearly all the delineated areas. Up to about 25 percent of the original A horizon, or original plowed layer in soils with thin A horizons, has been removed from most of the area. This class also includes the areas with no erosion.

**Class 2.**—The soil has been eroded to the extent that ordinary tillage implements reach through the remaining A horizon or well below the depth of the original plowed layer in soils with thin A horizons. Generally the plowed layer consists of a mixture of the original A horizon and the underlying horizons.

Mapped areas of eroded soil usually have patches in which the plowed layer consists entirely of the original A horizon and others in which it consists entirely of underlying horizons. Shallow gullies may be present. Approximately 25 to 75 percent of the original A horizon or surface soil may have been lost from most of the area.

**Class 3.**—The soil has been eroded to the extent that all or practically all the original surface soil, or A horizon, has been removed. The plowed layer consists essentially of materials from the B or other underlying horizons. Patches in which the plowed layer is a mixture of the original A horizon and the B horizon, or other underlying horizons, may be included within mapped areas. Shallow gullies, or a few deep ones, are common in some soil types. More than about 75 percent of the original surface soil, or A horizon, and commonly part or all the B horizon, or other underlying horizons, have been lost from most of the area.

**Class 4.**—The land has been eroded until it has an intricate pattern of moderately deep or deep gullies. Soil profiles have been destroyed except in small areas between the gullies. Such land is not useful for crops in its present condition. Reclamation for crop production or for improved pasture is difficult, but may be practicable if other characteristics of the soil are favorable and erosion can be controlled.

**Class +.**—Recent alluvial and colluvial deposition.

LAND CAPABILITY is given as classified by Klingebiel and Montgomery in U.S. Department of Agriculture "Land-Capability Classification," Agriculture Handbook 210, published in 1961. The classification expresses the suitability of land for use without deterioration. The eight land-capability classes are distinguished according to the risk of land damage or difficulty of land use. Classes I-IV are suitable for cultivation and other uses, whereas classes V-VIII are not suitable for cultivation.

**Class I.**—Very good land for cultivation; nearly level and productive; not subject to erosion; needs only ordinary good farming methods.

**Class II.**—Good land for cultivation; mostly gently sloping; not more than moderately subject to erosion; some land may be rather wet; can be farmed safely with easily applied practices.

**Class III.**—Moderately good land for cultivation; mostly moderately sloping; some areas too wet or too dry; can be farmed safely with practical conservation measures, carefully applied; usually a combination of two or more measures is needed.

**Class IV.**—Fairly good land, suitable for occasional cultivation; generally strongly sloping; often shallow or very sandy; often found in dry climate.

**Class V.**—Land very well suited for grazing or forestry; requires good range or woodland management.

**Class VI.**—Land well suited for grazing or forestry; steeply sloping land, or stony or shallow soil; eroded, droughty, or wet land; requires careful management.

**Class VII.**—Land fairly well suited for grazing or forestry; severely limited in use by such factors as very steep slope, shallow or droughty soil, wetness, severe erosion, or excessive salinity; requires very careful management.

**Class VIII.**—Land not suitable for cultivation, grazing, or forestry; may be useful for wildlife, recreation, or protection of water supplies.



WATERSHED GEOLOGY information, when available, for new watersheds is reported here. The parts of each watershed occupied by various geological formations or series are briefly described, together with strike and dip of the strata, thickness, and relative position, when known. Faults, perched water tables, outcrops, if present, and other details relating to the movement of water within the drainage area or affecting the hydrology of the watershed are described.

SURFACE DRAINAGE refers to the ease with which excess water flows from the watershed area. The length of the principal waterway is the distance from the gaging station to the most remote point on the watershed boundary, measured along the flood plain of the watercourse.

CHARACTER OF FLOW describes the flow of the principal watercourse with respect to permanence and space. The following definitions are from Meinzer's "Outline of Ground-Water Hydrology," U. S. Geological Survey Water-Supply Paper 494, published in 1923. As to permanence, streams may be divided into perennial, intermittent, and ephemeral.

A perennial stream, or stretch of a stream, flows continuously. Perennial streams are generally fed in part by springs, and their upper surfaces usually stand lower than the water table in the localities through which they flow.

Intermittent streams may be divided, with respect to their water source, into spring-fed intermittent streams and surface-fed intermittent streams. They also flow in direct response to precipitation.

A spring-fed intermittent stream, or stretch of a stream, flows only at certain times when it receives water from springs. The intermittent character of streams of this type is generally caused by fluctuations of the water table, whereby the stream channels stand part of the time below and part of the time above the water table. This is the ordinary type of intermittent stream.

A surface-fed intermittent stream, or stretch of a stream, flows during protracted periods when it receives water from some surface source, generally the gradual and long-continued melting of snow in a mountainous or other cold tributary area. The term may be arbitrarily restricted to streams or stretches of streams that flow continuously during periods of at least 1 month.

An ephemeral stream, or stretch of a stream, flows only in direct response to precipitation. It receives no water from springs and no long-continued supply from melting snow or other surface source. Its stream channel is at all times above the water table. The term may be arbitrarily restricted to streams or stretches of streams that do not flow continuously for as long as 1 month.

With respect to continuity in space, streams may be divided into continuous and interrupted streams. An interrupted stream contains (1) perennial stretches with intervening, intermittent, or ephemeral stretches or (2) intermittent stretches with intervening ephemeral stretches. These two classes of interrupted streams are designated, respectively, perennial interrupted streams and intermittent interrupted streams. A continuous stream does not have interruptions in space. It may be perennial, intermittent, or ephemeral, but it does not habitually have wet and dry stretches.

INSTRUMENTATION describes the type of runoff control or measuring device, number and type of precipitation gages, type of charts used, and snow courses, if employed.

WATERSHED CONDITIONS describe the general use and farm, forest, or range practices before the period of record and the conservation measures, crops, yields, and general cultural operations and practices during the period of

record. Rotation crops are listed in the order grown. Operations are described with commonly used agricultural terms, and only those that appear to have a significant relationship to the hydrology of the watershed are mentioned.

GENERALLY REPRESENTS gives the broad area of application for which the data of the specific watershed are recommended. The land resource areas named are those delineated on the map titled "Location of Experimental Agricultural Watersheds of the Agricultural Research Service," on pages 20 and 21. Solid circles show the approximate locations of the continuing or new watersheds; open circles show approximate locations of the discontinued studies. For a few studies the circles indicate the locations of the project headquarters instead of the watershed locations. A larger index map with more detail is included in reference 4.

For some studies there is an apparent contradiction between the watershed location on the maps and the descriptive information under Generally Represents. This is caused by the small scale of maps; it is difficult to show many small local variations in boundaries of the land resources areas. The descriptive statements, instead of the map location, should be the guide to the application of the data.

## STANDARD SYMBOLS FOR TABULAR DATA

The following capital letters have been used as standard symbols throughout this publication to designate specific items or meanings:

Symbol	Meaning
E	- value is estimated or partially estimated.
H	- precipitation in form of hail.
L	- precipitation in form of sleet or freezing rain.
M	- mixed precipitation in form of rain, snow, and sleet.
N	- precipitation in form of rain and snow.
NR	- when used in place of value, "no record."
P	- monthly or annual precipitation in inches.
Q	- monthly or annual runoff in inches.
RG	- rain gage, generally followed by gage number.
S	- precipitation in form of snow.
STA AV (or AVG)	- station average for period of record.
T	- trace, indicates that the value is not large enough to round to the lowest significant digit. In some arrays a trace value is indicated by all zeros, with more than one zero located to the right of the decimal.
Z	- indicates an accurately measured total for a series of days that has been equally divided among coded days.

Time-of-day symbols or designations a, p, m, and n used in previous publications through 1961 have been discontinued, and military time (0001 through 2400) has been substituted in publications since then. Unless stated otherwise, time used in tables is eastern, central, mountain, or Pacific standard, whichever applies to the given location.

## PERSONNEL RESPONSIBLE FOR DATA PREPARATION

At each research location many individuals have contributed to the planning and establishment of the watershed and the collection, compilation, and analysis of the data. Some of those who were directly responsible for preparing the data and information for this report are—

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## ADDITIONAL PUBLICATIONS BY LOCATION

In references 1 and 4-18 (see pp. 1 and 2), citations to other publications, which present watershed data and interpretations of results in various journals, bulletins, and periodicals, are given at the end of the introduction for many of the locations. Following is a listing, by location number, of publications (issued in 1975 or otherwise noted) that resulted from related work through 1975. Several publications pertaining to the overall program of hydrology that could not be tied to a specific location are listed at the end under General References.

### 16. Klingerstown, Pennsylvania

Parmelee, L. H., and Jacoby, L., Jr.  
Estimating evapotranspiration under nonhomogeneous field conditions. U.S. Dept. Agr. ARS-NE-51, 61 pp., illus.

### 26. Coshocton, Ohio

Edwards, W. M., and McGuinness, J. L.  
Estimating quantity and quality of runoff from eastern beef barnlots. In *Managing Livestock Waste*, 3d Internatl. Symp. on Livestock Wastes, Urbana, Ill., Apr. 21-24, Proc. 1975, pp. 408-411, illus.

Kelly, G. E., Edwards, W. M., Harrold, L. L., and McGuinness, J. L.

Soils of the North Appalachian Experimental Watershed. U.S. Dept. Agr. Misc. Pub. 1296.

McGuinness, J. L., and Edwards, W. M.

A watershed soils index of runoff potential. *Jour. Soil and Water Conserv.* 30(4): 184-186, illus.

### 42. Riesel, Texas

Bovey, R. W., Burnett, E., Richardson, C. W., and others.  
Occurrence of 2,4,5-T and picloram in subsurface water in the blacklands of Texas. *Jour. Environ. Quality* 4(1): 103-106, illus.

Williams, J. R.

HYMO flood routing. *Jour. Hydrol.* 26: 17-27, illus.

Sediment routing for agricultural watersheds. *Water Resources Bul.* 11(5): 965-974.

Sediment-yield prediction with universal equation using runoff energy factor. In *Present and Prospective Technology for Predicting Sediment Yields and Sources*, Sediment-Yield Workshop, Oxford, Miss., Nov. 28-30, 1972, Proc. U.S. Dept. Agr. ARS-S-40, pp. 244-252, illus.

### 62. Oxford, Mississippi

Alonso, C. V., McHenry, J. R., and Hong, J. C. S.

The influence of suspended sediment on the reaeration of uniform streams. *Water Resources Bul.* 9: 695-700, illus.

Bowie, A. J., Bolton, G. C., and Spraberry, J. A.  
Sediment yields related to characteristics of two adjacent watersheds. In *Present and Prospective Technology for Predicting Sediment Yields and Sources*, Sediment-Yield Workshop, Oxford, Miss., Nov. 28-30, 1972, Proc., U.S. Dept. Agr. ARS-S-40, pp. 89-99, illus.

Coleman, L., Bolton, G. C., and Bowie, A. J.  
An attempt to predict channel sediment-transport capacity with similitude principles. In *Present and Prospective Technology for Predicting Sediment Yields and Sources*, Sediment-Yield Workshop, Oxford, Miss., Nov. 28-30, 1972, Proc., U.S. Dept. Agr. ARS-S-40, pp. 231-243, illus.

DeCoursey, D. G.  
Implications of floodwater-retarding structures. *Amer. Soc. Agr. Engin. Trans.* 18(5): 897-904, illus.

Foster, G. R., and Meyer, L. D.  
Mathematical simulation of upland erosion by fundamental erosion mechanics. In *Present and Prospective Technology for Predicting Sediment Yields and Sources*, Sediment-Yield Workshop, Oxford, Miss., Nov. 28-30, 1972, Proc., U.S. Dept. Agr. ARS-S-40, pp. 190-207, illus.

McHenry, J. R., Ritchie, J. C., and May, J.  
Recent sedimentation rates in the lower Mississippi River Valley: Lake Verret-Lake Palourde, Louisiana. *Miss. Water Resources Conf.*, Jackson, Miss., Apr. 22, Proc. 1975, pp. 13-23, illus.

Meyer, L. D., Foster, G. R., and Romkens, M. J. M.  
Source of soil eroded by water from upland slopes. In *Present and Prospective Technology for Predicting Sediment Yields and Sources*, Sediment-Yield Workshop, Oxford, Miss., Nov. 28-30, 1972, Proc., U.S. Dept. Agr. ARS-S-40, pp. 177-189, illus.

Mutchler, C. K., and Young, R. A.  
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Deposition rates in valleys determined using fallout cesium-137. *Geol. Soc. Amer. Bul.* 86(8): 1128-1130, illus.

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Fallout cesium-137: A tool in conservation research. *Jour. Soil and Water Conserv.* 30(6): 283-286, illus.

McHenry, J. R., Schiebe, F. R., and Wilson, R. B.  
The relationship of reflected solar radiation and the concentration of sediment in the surface water of reservoirs. In *Remote Sensing of Earth Resources*, Univ. Tenn. Space Inst., v. III, pp. 57-71, illus.

Schiebe, F. R., Wilson, R. B., and May, J.  
Sun angle, reflected solar radiation and suspended sediments in north Mississippi reservoirs. 4th Ann. *Remote Sensing of Earth Resources Conf.*, Univ. Tenn. 4: 555-564, illus.



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Suspended sediment in four north Mississippi reservoirs. *Miss. Water Resources Conf.*, Jackson, Miss., Apr. 22, Proc. 1975, pp. 31-44, illus.
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Dixon, R. M.  
Design and use of close-top infiltrometers. *Soil Sci. Soc. Amer. Proc.* 39: 755-763, illus.
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Cox, L. M., Rawls, W. J., and Zuzel, J. F.  
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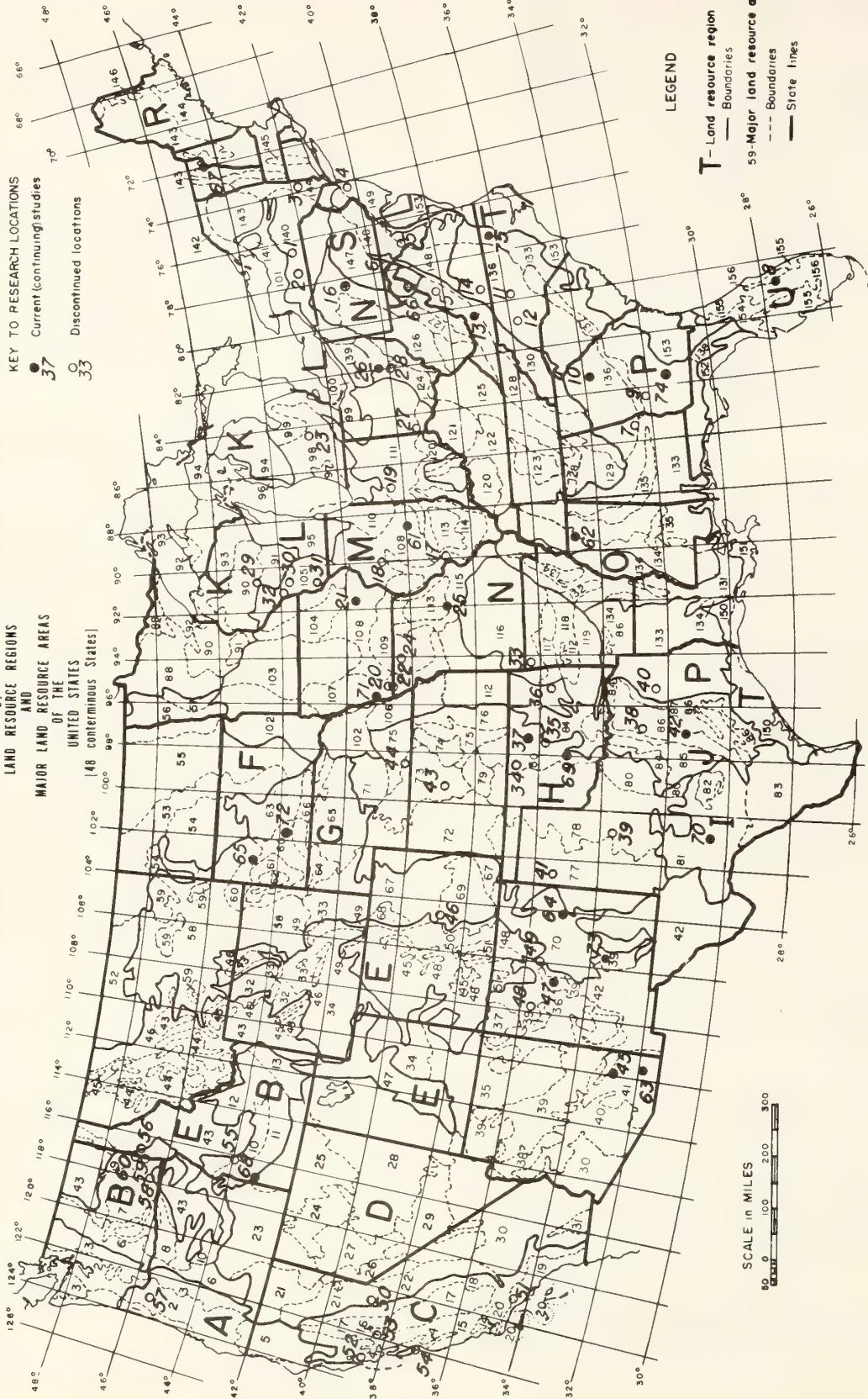
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[Pages 20 through 22]

# LOCATION OF EXPERIMENTAL AGRICULTURAL WATERSHEDS OF THE AGRICULTURAL RESEARCH SERVICE (1975)

BY  
LAND RESOURCE REGIONS  
AND  
MAJOR LAND RESOURCE AREAS  
OF THE  
UNITED STATES  
(48 conterminous States)

KEY TO RESEARCH LOCATIONS  
● 37 Current (continuing) studies  
○ 33 Discontinued locations



## LEGEND

T — Land resource region  
— Boundaries  
SS — Major land resource area  
--- Boundaries  
— State lines

U.S. Department of Agriculture

Land Resource Area delineations as determined by the Soil Conservation Service



# LEGEND FOR LAND RESOURCE REGIONS AND MAJOR LAND RESOURCE AREAS

(of the 48 conterminous States)

**A**

NORTHWESTERN FOREST, FORAGE, AND SPECIALTY CROP REGION

- 1 Northern Pacific Coast Range and Valleys
- 2 Willamette and Puget Sound Valleys
- 3 Olympic and Western Slope Cascade Mountains
- 4 California Coastal Redwood Belt
- 5 Siskiyou-Trinity Area

**B**

NORTHWESTERN WHEAT AND RANGE REGION

- 6 Eastern Slope Cascade Mountains
- 7 Columbia Basin
- 8 Columbia Plateau
- 9 Palouse and Nez-Perce Prairies
- 10 Upper Snake River Lava Plains and Hills
- 11 Snake River Plains
- 12 Lost River Valleys and Mountains
- 13 Eastern Idaho Plateaus

**C**

CALIFORNIA SUBTROPICAL FRUIT, TRUCK, AND SPECIALTY CROP REGION

- 14 Central California Valleys
- 15 Central California Coast Range
- 16 California Delta
- 17 Sacramento and San Joaquin Valleys
- 18 Sierra Nevada Foothills
- 19 Southern California Coastal Plain
- 20 Southern California Mountains

**D**

WESTERN RANGE AND IRRIGATED REGION

- 21 Klamath and Shasta Valleys and Basins
- 22 Sierra Nevada Range
- 23 Malheur High Plateau
- 24 Humboldt Area
- 25 Owyhee High Plateau
- 26 Carson Basin and Mountains
- 27 Fallon-Lovelock Area
- 28 Great Salt Lake Area
- 29 Southern Nevada Basin and Range
- 30 Sonoran Basin and Range
- 31 Imperial Valley
- 32 Northern Intermountain Desertic Basins
- 33 Semiarid Rocky Mountains
- 34 Central Desertic Basins, Mountains and Plateaus
- 35 (See E below)

- 36 Colorado and Green Rivers Plateaus
- 37 New Mexico and Arizona Plateaus and Mesas
- 38 San Juan River Valley Mesas and Plateaus
- 39 Black, Hualapai, and Cerbat Mountains
- 40 Arizona and New Mexico Mountains
- 41 Central Arizona Basin and Range
- 42 Southeastern Arizona Basin and Range
- 43 Southern Desertic Basins, Plains and Mountains

**E**

ROCKY MOUNTAIN RANGE AND FOREST REGION

- 43 Northern Rocky Mountains
- 44 Northern Rocky Mountain Valleys
- 45 Alpine Meadows and Rurikland
- 46 Northern Rocky Mountain Foothills
- 47 Wasatch and Uinta Mountains
- 48 Southern Rocky Mountains
- 49 Southern Rocky Mountain Foothills
- 50 San Luis Valley
- 51 High Intermountain Valleys

Compiled by Morris E. Austin

Information from SCS, State, and other Offices

**F**

NORTHERN GREAT PLAINS SPRING, WHEAT REGION

- 52 Brown Glaciated Plain
- 53 Dark Brown Glaciated Plain
- 54 Rolling Soft Shale Plain
- 55 Black Glaciated Plains
- 56 Red River Valley of the North
- 57 Western Minnesota Forest-Prairie Transition

**G**

WESTERN GREAT PLAINS RANGE AND IRRIGATED REGION

- 58 Northern Rolling High Plains
- 59 Northern Smooth High Plains
- 60 Pierre Shale Plains and Badlands
- 61 Black Hills Foothills
- 62 Black Hills
- 63 Rolling Pierre Shale Plains
- 64 Mixed Sandy and Silty Tableland
- 65 Nebraska Sand Hills
- 66 Dakota-Nebraska Eroded Tableland
- 67 Central High Plains
- 68 Irrigated Upper Platte River Valley
- 69 Upper Arkansas Valley Rolling Plains
- 70 Pecos-Canadian Plains and Valleys

**H**

CENTRAL GREAT PLAINS WINTER WHEAT AND RANGE REGION

- 71 Central Nebraska Loess Hills
- 72 Central High Tableland
- 73 Rolling Plains and Breaks
- 74 Central Kansas Sandstone Hills
- 75 Central Loess Plains
- 76 Bluestem Hills
- 77 Southern High Plains
- 78 Central Rolling Red Plains
- 79 Great Bend Sand Plains
- 80 Central Rolling Red Prairies

**I**

SOUTHWESTERN PLATEAUS AND PLAINS, RANGE AND COTTON REGION

- 81 Edwards Plateau
- 82 Texas Central Basin
- 83 Rio Grande Plain

**J**

SOUTHWESTERN PRAIRIES, COTTON, AND FORAGE REGION

- 84 Cross Timbers
- 85 Grand Prairie
- 86 Texas Blackland Prairie
- 87 Texas Claypan Area

**K**

NORTHERN LAKE STATES FOREST AND FORAGE REGION

- 88 Northern Minnesota Swamps and Lakes
- 89 Minnesota Rockland Hills
- 90 Central Wisconsin and Minnesota Thin Loess and Till
- 91 Wisconsin and Minnesota Sandy Outwash
- 92 Superior Lake Plain
- 93 Northern Michigan and Wisconsin Stony, Sandy and Rocky Plains and Hills
- 94 Northern Michigan Sandy Drift

**L**

LAKE STATES FRUIT, TRUCK, AND DAIRY REGION

- 95 Southeastern Wisconsin Drift Plain
- 96 Western Michigan Fruit Belt
- 97 Southern Michigan Fruit and Truck Belt
- 98 Southern Michigan Drift Plain
- 99 Erie-Huron Lake Plain
- 100 Erie Fruit and Truck Area
- 101 Ontario-Mohawk Plain

**M**

CENTRAL FEED GRAINS AND LIVESTOCK REGION

- 102 Loess, Till, and Sandy Prairies
- 103 Central Iowa and Minnesota Till Prairies
- 104 Eastern Iowa and Minnesota Till Prairies

(continued)

- 105 Northern Mississippi Valley Loess Hills
- 106 Nebraska and Kansas Loess Drift Hills
- 107 Iowa and Missouri Deep Loess and Drift
- 108 Illinois and Iowa Deep Loess and Drift
- 109 Iowa and Missouri Heavy Till Plain
- 110 Northern Illinois and Indiana Heavy Till Plain
- 111 Indiana and Ohio Till Plain
- 112 Cherokee Prairies
- 113 Central Claypan Areas
- 114 Southern Illinois and Indiana Thin Loess and Till Plain
- 115 Central Mississippi Valley Wooded Slopes

EAST AND CENTRAL GENERAL FARMING AND FOREST REGION

- 117 (See M Above)
- 116 Ozark Highland
- 117 Boston Mountains
- 118 Arkansas Valley and Ridges
- 119 Ouachita Mountains
- 120 Kentucky and Indiana Sandstone and Shale Hills and Valleys
- 121 Kentucky Bluegrass
- 122 Highland Rim and Pennsylvania
- 123 Nashville Basin
- 124 Western Allegheny Plateau
- 125 Cumberland Plateau and Mountains
- 126 Central Allegheny Plateau
- 127 Eastern Allegheny Plateau and Mountains
- 128 Southern Appalachian Ridges and Valleys
- 129 Sand Mountain
- 130 Blue Ridge

MISSISSIPPI DELTA COTTON AND FEED GRAINS REGION

- 131 Southern Mississippi Valley Alluvium
- 132 Eastern Arkansas Prairies
- 134 (See P below)

SOUTH ATLANTIC AND GULF SLOPE CASH CROP, FOREST, AND LIVESTOCK REGION

- 86 (See J Above)
- 133 Southern Coastal Plain
- 134 Southern Mississippi Valley Silty Uplands
- 135 Alabama and Mississippi Blackland Prairies
- 136 Southern Piedmont
- 137 Carolina and Georgia Sandhills
- 138 North Central Florida Ridge

**R**

NORTHEASTERN FORAGE AND FOREST REGION

- 139 Eastern Ohio Till Plain
- 140 Glaciated Allegheny Plateau and Catskill Mountains
- 141 Tughill Plateau
- 142 St. Lawrence-Champlain Plain
- 143 Northeastern Mountains
- 144 New England and Eastern New York Upland
- 145 Connecticut Valley
- 146 Aroostook Area

**S**

NORTHERN ATLANTIC SLOPE TRUCK, FRUIT, AND POLYTRA REGION

- 147 Northern Appalachian Ridges and Valleys
- 148 Northern Piedmont
- 149 Northern Coastal Plain

**T**

ATLANTIC AND GULF COAST LOWLANDS, FOREST AND TRUCK CROP REGION

- 150 Gulf Coast Prairies
- 151 Gulf Coast Marsh
- 152 Gulf Coast Flatwoods
- 153 Atlantic Coast Flatwoods

**U**

FLORIDA SUBTROPICAL FRUIT, TRUCK CROP, AND RANGE REGION

- 154 South Central Florida Ridge
- 155 Southern Florida Flatwoods
- 156 Florida Everglades and Associated Areas

Table 3.--Experimental agricultural watersheds, listed by State, locality, and location number, under study during 1975 and included in this publication

State	Locality	Assigned location number	Major land resource area <sup>1/</sup>	Watershed units	Events reported	Pages
Arizona.....	Tombstone .....	63	D-41	8	8	200-226
Florida.....	Vero Beach.....	08	U-155	3	0	24- 29
Georgia.....	Tifton.....	74	P-133	8	56	361-574
	Watkinsville.....	10	P-136	1	1	30- 32
Idaho.....	Reynolds.....	68	D-23, D-25	8	8	231-264
Illinois.....	Monticello.....	61	M-108	2	12	176-199
Iowa.....	Treynor.....	71	M-107	4	0	353-360
Missouri.....	McCredie.....	25	M-113	1	0	38- 39
New Mexico.....	Santa Rosa.....	64	G-70	1	1	227-230
Ohio.....	Coshocton.....	26	N-124	13	21	40- 86
Oklahoma.....	Chickasha.....	69	H-78, H-80, J-84	24	26	265-352
	Stillwater.....	37	H-80	2	4	87- 96
Pennsylvania...	Klingerstown.....	16	S-147	1	1	33- 37
Texas.....	Riesel (Waco).....	42	J-86	22	21	97-175

<sup>1/</sup>See location map (p. 20) and legend (p. 21).

Table 4.--Watersheds, listed by State and locality, for which data were previously included but are not in this publication<sup>1/</sup>

State	Locality	Major land resource area <sup>2/</sup>	Discontinued watershed units <sup>3/</sup>		
			Number	Record period (19--)	Assigned location and watershed number
Mississippi.....	Oxford.....	P-133, P-134	5	57-74	62001, -002, -005, -010, and -011
Oklahoma.....	Chickasha.....	H-78, H-80	10	61-65	69002
		H-80		61-74	69008 and -009
		H-80		62-74	69012
		J-84		63-74	69018
		H-80		62-75	69031
		H-80		62-74	69038 thru -041

<sup>1/</sup>For discontinued watershed studies prior to 1974, see tables in previous publications.

<sup>2/</sup>See location map (p. 20) and legend (p. 21).

<sup>3/</sup>Data not available for this publication; may be included in future references.



WATERSHED DATA BY LOCATION NUMBER  
AND  
DECIMAL PAGING

[8.002-1 TO 74.009-24, A TOTAL OF 557 DATA SHEETS]

For location by States and Land Resource Areas  
and Regions, see U.S. Index Map, page 20.

LOCATION: Okeechobee County, Florida. Runoff gaging site is about 3 mi. N. of City of Okeechobee on Cemetery Road. Taylor Creek empties into Lake Okeechobee. Lat. 27 deg. 17 min. 03 sec. N.; Long. 80 deg. 49 min. 21 sec. W.

AREA: 66880.00 acres 104.50 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						VERO BEACH, FLORIDA (TAYLOR CREEK)						WATERSHED W-2		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1975	P	0.34	1.89	0.78	0.53	3.81	8.12	6.17	5.20	6.26	2.96	0.45	0.73	37.64
	Q	0.083	0.069	0.006	0.058	0.007	0.117	0.445	0.417	1.200	0.716	0.164	0.038	3.320
STA AV	P	1.83	2.34	3.10	1.85	4.50	8.61	6.69	6.78	5.93	4.04	1.31	1.48	46.45
	Q	0.458	0.420	0.951	0.187	0.321	1.973	2.191	2.103	2.484	1.889	1.758	0.195	14.930

NOTES: Watershed conditions: 1975: Range 6 forest, 39%; improved pasture, 47%; cropland, 4%; miscellaneous, 10%. For revised map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1971, USDA Misc. Pub. 1383, p. 08.002-3. Precipitation and runoff records began July 1955. Precipitation Thiessen weighted using 7 gages. Runoff data furnished by U.S. Geological Survey. For long-time precipitation records, see National Weather Service records at Okeechobee Hurricane Gate 6, Florida (gage discontinued Nov. 1971, afterwards use Okeechobee 9 SW).

1975 DAILY AIR TEMPERATURE (degrees F)												VERO BEACH, FLORIDA (TAYLOR CREEK)												WATERSHED W-2	
Day	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		
	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	
1	83	57	84	53	80	54	51	69	93	61	92	70	86	70	85	70	90	63	87	65	84	62	84	54	
2	78	54	82	54	74	39	91	68	96	64	90	68	86	65	91	65	90	63	88	69	82	63	77	48	
3	78	62	84	55	66	38	90	44	94	67	88	67	84	67	89	68	89	63	86	69	84	63	78	47	
4	80	60	84	65	72	50	87	40	92	65	90	65	89	66	92	68	89	66	86	66	84	65	75	52	
5	78	60	86	64	72	45	89	48	90	64	92	69	90	70	93	70	88	65	89	67	82	64	80	52	
6	77	45	80	62	78	48	88	46	88	67	90	71	90	65	94	68	89	69	87	68	84	65	76	53	
7	76	58	70	42	80	56	86	60	92	65	88	69	91	71	90	68	89	68	86	67	82	65	80	54	
8	80	58	74	50	82	44	88	64	96	68	86	71	90	70	88	67	90	70	88	67	85	66	80	54	
9	82	56	78	63	74	51	89	68	94	68	90	69	92	70	89	69	89	68	90	70	86	64	79	43	
10	84	72	70	62	80	56	90	71	84	65	92	65	90	69	90	70	88	68	92	71	84	67	74	38	
11	85	68	78	54	84	62	90	68	88	66	93	68	86	68	92	70	86	68	85	67	84	67	72	40	
12	84	70	84	69	85	63	80	59	88	68	94	69	88	67	90	67	88	68	86	62	84	68	76	49	
13	55	32	82	52	84	71	84	67	90	65	94	68	88	69	90	68	90	69	85	63	74	38	76	56	
14	50	34	80	56	84	54	86	70	89	69	95	70	88	68	90	70	90	68	84	65	56	36	77	56	
15	72	46	82	66	78	65	88	54	88	69	94	69	86	70	91	71	86	67	86	64	66	40	76	58	
16	76	52	84	60	86	62	80	48	82	71	92	68	88	65	90	70	88	68	87	64	76	45	76	58	
17	78	52	86	64	87	68	82	62	92	68	88	69	89	65	92	70	90	67	85	67	77	52	80	59	
18	84	60	86	68	86	70	86	60	92	64	88	70	88	66	93	71	90	68	86	69	80	57	74	38	
19	82	68	87	70	79	48	88	65	90	67	89	69	88	70	92	68	88	69	82	64	75	58	62	40	
20	86	51	86	64	78	47	89	70	90	66	88	68	90	70	86	68	86	70	84	61	80	56	70	44	
21	76	62	87	68	80	53	86	62	88	64	88	69	89	69	88	69	88	71	82	58	82	56	62	30	
22	84	62	86	64	84	52	84	61	88	62	86	68	92	70	92	71	88	70	82	59	75	48	55	32	
23	80	55	84	72	88	70	84	56	90	65	84	68	90	70	91	69	88	72	84	61	74	38	62	38	
24	82	64	82	50	90	72	86	54	91	64	86	69	90	68	89	68	89	72	63	62	70	36	74	40	
25	84	55	74	44	86	60	88	58	92	63	88	65	92	70	90	70	86	70	82	64	72	40	76	58	
26	80	50	76	48	84	59	90	58	93	66	86	69	93	68	89	73	86	68	84	63	74	49	74	52	
27	86	56	78	48	84	58	90	64	90	69	90	70	90	69	88	72	87	68	86	60	82	52	65	40	
28	82	62	78	52	86	62	90	63	88	67	88	71	89	70	88	73	86	69	84	64	85	56	68	40	
29	86	62			88	70	92	70	88	69	90	72	93	68	90	58	88	70	86	68	84	56	76	52	
30	84	56			92	66	94	62	89	68	90	71	90	69	89	60	88	68	78	65	85	53	80	56	
31	85	55			88	68			86	65			88	70	89	60			82	64			78	46	
AV.	79	57	81	59	82	57	88	60	90	66	90	69	89	65	90	68	88	68	85	65	75	55	74	48	
MEAN	68.2		69.9		69.7		74.0		78.2		75.4		79.2		79.4		78.2		75.0		67.3		61.0		
STA AV	72	51	74	50	78	55	83	61	88	66	89	71	92	74	92	74	91	73	87	66	75	56	74	52	

NOTES: Temperature data from R-3, readings taken daily. STA AV based on period from July 1, 1956 through 1975.

1975 DAILY PRECIPITATION (inches)													VERB BEACH, FLORIDA (TAYLOR CREEK) WATERSHED W-2												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.11	0.64	0.0	0.60	0.21	0.0	0.0	1	0.0	0.0	0.0	0.0	0.0	0.59	0.08	0.0	0.02	0.01	0.01	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.0	2	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.06	0.68	0.01	0.01	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.34	0.0	0.05	0.07	0.0	0.22	0.04	0.09	0.0	0.09	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.22	0.0	0.0	0.0	0.0	0.0	0.27	0.02	0.32	0.07	0.01	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.20	0.20	0.0	0.10	0.0	0.0	0.05	0.0	7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.02	0.0	0.0	0.0	0.34	0.13	0.86	1.23	0.0	0.10	0.03	0.0	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.33	0.51	0.21	0.09	0.92	0.0	0.0	0.0	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.92	0.0	0.0	0.03	0.02	0.28	0.0	0.01	0.0	0.0	0.0	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.27	0.0	0.17	0.36	0.0	0.06	0.0	0.01	0.0	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.01	0.15	0.02	0.86	1.14	0.0	0.0	0.0	0.0	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.02	0.0	0.0	0.04	0.24	0.0	0.02	0.0	0.20	0.13	0.0	0.03	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.16	0.15	0.0	0.53	0.0	0.08	0.0	0.0	0.04	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.45	0.44	0.20	0.08	0.32	0.46	0.0	0.0	0.0	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.02	0.0	0.09	0.0	0.24	0.01	0.06	0.21	0.0	0.0	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.08	0.0	0.11	0.31	0.47	0.0	0.36	0.14	0.0	0.0	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.08	0.29	0.08	0.02	0.29	0.76	0.0	0.02	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.34	0.0	0.0	0.72	0.0	0.73	0.34	0.0	0.05	0.0	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.04	0.09	0.0	0.0	0.0	0.62	0.11	0.04	0.02	0.0	0.11	0.24	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.33	0.0	0.0	0.0	0.03	0.0	0.10	0.0	0.0	0.0	0.24	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.25	0.0	0.0	0.0	0.0	0.52	0.0	0.0	0.45	0.0	0.0	0.0	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.01	0.10	0.0	0.0	0.0	0.34	0.0	0.0	0.18	0.0	0.0	0.0	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.20	0.0	0.0	0.0	0.58	0.0	0.0	0.09	0.0	0.0	0.0	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.03	0.0	0.0	0.0	1.52	0.13	0.0	0.63	0.0	0.0	0.04	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.02	0.53	0.0	0.09	0.0	0.0	0.0	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.24	0.14	0.15	0.0	0.0	0.0	0.0	0.0	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.38	0.23	0.03	0.0	0.11	0.21	0.0	0.0	28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.64	0.14	0.21	0.30	0.26	0.75	0.0	0.0	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.12	0.01	0.01	0.02	0.01	0.0	0.0	0.0	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.22	0.03	0.03	0.55	0.0	0.0	0.0	0.02	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.34	1.89	0.78	0.93	3.61	8.12	6.17	5.20	6.26	2.96	0.45	0.73													
STA AV	1.83	2.34	3.10	1.85	4.50	8.61	6.65	6.78	5.93	4.04	1.31	1.48													

NOTES: Thiessen weighted rainfall, using 7 rain gages. STA AV based on period July 1, 1955 through 1975.

1975		MEAN DAILY DISCHARGE (cfs)						VERB BEACH, FLORIDA (TAYLOR CREEK)					WATERSHED W-2	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.0	0.0	0.0	0.0	0.0	40.00	0.0	0.0	156.00	117.00	0.0		
2	48.00	0.0	17.00	0.0	0.0	0.0	60.00	0.0	57.00	230.00	66.00	15.00		
3	0.0	0.0	0.0	0.0	0.0	0.0	50.00	0.0	24.00	52.00	35.00	0.0		
4	0.0	0.0	0.0	0.20	0.0	0.0	35.00	0.0	76.00	106.00	11.00	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	30.00	0.0	78.00	4.00	0.0	0.0		
6	19.00	16.00	0.0	0.0	0.0	0.0	30.00	0.0	57.00	91.00	25.00	0.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	33.00	56.00	24.00	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	30.00	0.0	23.00	26.00	0.0	15.00		
9	0.0	0.0	0.0	0.0	0.0	0.0	20.00	25.00	6.90	55.00	16.00	0.0		
10	32.00	11.00	0.0	0.0	0.0	0.0	0.0	47.00	92.00	75.00	0.0	0.0		
11	0.0	0.0	0.0	0.0	0.0	0.0	25.00	44.00	100.00	31.00	28.00	0.0		
12	0.0	15.00	0.0	20.00	0.0	0.0	30.00	45.00	91.00	34.00	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	60.00	84.00	58.00	0.0	36.00	0.0		
14	22.00	0.0	0.0	28.00	0.0	0.0	100.00	101.00	69.00	26.00	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	150.00	71.00	49.00	0.0	0.0	20.00		
16	0.0	0.0	0.0	0.0	0.0	0.0	90.00	71.00	122.00	32.00	25.00	0.0		
17	0.0	29.00	0.0	31.00	0.0	0.0	120.00	59.00	91.00	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	150.00	26.00	166.00	67.00	0.0	0.0		
19	0.0	0.0	0.0	3.40	19.00	0.0	120.00	53.00	185.00	103.00	25.00	0.0		
20	44.00	0.0	0.0	28.00	0.0	0.0	60.00	92.00	216.00	60.00	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	20.00	0.0	106.00	138.00	43.00	0.0	26.00		
22	0.0	28.00	0.0	23.00	0.0	0.0	0.0	77.00	116.00	36.00	25.00	0.0		
23	0.0	0.0	0.0	0.0	0.0	25.00	0.0	59.00	182.00	65.00	0.0	0.0		
24	0.0	34.00	0.0	0.0	0.0	30.00	30.00	53.00	105.00	42.00	0.0	0.0		
25	0.0	10.00	0.0	29.00	0.0	50.00	0.0	36.00	120.00	0.0	0.0	0.0		
26	35.00	24.00	0.0	0.0	0.0	60.00	0.0	31.00	320.00	80.00	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	70.00	0.0	0.0	310.00	0.0	25.00	30.00		
28	0.0	26.00	0.0	0.0	0.0	30.00	20.00	41.00	185.00	55.00	0.0	0.0		
29	0.0		0.0	0.0	0.0	25.00	0.0	0.0	114.00	92.00	0.0	0.0		
30	0.0		0.0	0.0	0.0	20.00	0.0	51.00	188.00	215.00	0.0	0.0		
31	33.00		0.0		0.0		0.0	0.0		132.00		0.0		
MEAN	7.52	6.89	0.55	5.42	0.61	11.00	40.32	37.81	112.40	64.53	15.40	3.42		
INCHES	0.083	0.069	0.006	0.058	0.007	0.117	0.445	0.417	1.200	0.716	0.164	0.036		
STA AV	0.458	0.420	0.951	0.187	0.321	1.573	2.191	2.103	2.484	1.889	1.758	0.155		



VERO BEACH, FLORIDA (TAYLOR CREEK) WATERSHED W-3

LOCATION: Okeechobee County, Florida. Runoff gaging site is approximately 11 mi. (airline) N-NW of City of Okeechobee on State Road #68. Northern reach of Taylor Creek Watershed. Lat. 27 deg. 23 min. 24 sec. N.; Long. 80 deg. 53 min. 42 sec. W.

AREA: 12224.00 acres 19.10 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)							VERO BEACH, FLORIDA (TAYLOR CREEK) WATERSHED W-3							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1975	P	0.46	1.57	1.05	1.07	2.99	7.74	7.19	6.50	5.12	4.76	0.36	0.87	35.70
	Q	0.022	0.048	0.012	0.003	0.0	0.198	0.579	0.667	1.001	1.451	0.711	0.110	4.802
STA AV	P	1.75	2.32	3.08	2.16	4.34	7.96	6.95	6.80	5.65	4.00	1.22	1.44	47.66
	Q	0.412	0.314	0.909	0.167	0.240	1.476	2.162	2.163	2.475	1.734	1.043	0.146	13.240

NOTES: Watershed conditions: 1975: Improved pasture, 59%; range & forest, 30%; cropland, 1%; miscellaneous, 10%. For revised map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1971, USDA Misc. Pub. 1383, p. 08.002-3. Precipitation and runoff records began July 1955. Precipitation Thiessen weighted using 2 gages through Dec. 31, 1966; 3 gages beginning Jan. 1, 1967. Runoff data furnished by U.S. Geological Survey. For long-time precipitation records, see National Weather Service records at Okeechobee Hurricane Gate 6, Florida (gage discontinued Nov. 1971, afterwards use Okeechobee 9 SW).

1975	DAILY PRECIPITATION (inches)						VERO BEACH, FLORIDA (TAYLOR CREEK) WATERSHED W-3						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.63	0.0	0.25	0.28	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.78	0.17	0.0	0.0	0.06	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.75	0.0 T	0.01	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.0 T	0.15	0.0	
5	0.0	0.0	0.26	0.0	0.08	0.16	0.0	0.77	0.0	0.16	0.0	0.21	
6	0.0	0.19	0.0	0.0	0.0	0.0	0.46	0.30	0.0	0.35	0.0	0.02	
7	0.0	0.0	0.0	0.0	0.0	0.37	0.0	0.0	0.0	0.0	0.09	0.0	
8	0.0	0.0	0.0	0.0	0.23	0.25	0.82	1.43	0.0	0.03	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.21	0.22	0.47	0.15	0.58	0.0	0.0	0.0	
10	0.0	1.02	0.0	0.0	0.04	0.11	0.15	0.0	0.06	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.23	0.0	0.10	0.26	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.06	0.0	0.0	1.46	1.32	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.05	0.21	0.0	0.0	0.0	0.19	0.21	0.0	0.06	
14	0.0	0.0	0.06	0.38	0.26	0.0	0.17	0.0	0.17	0.0	0.0	0.01	
15	0.0	0.0	0.0	0.35	0.24	0.0	0.0	0.04	0.21	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.04	0.0	0.05	0.04	0.06	0.57	0.0	0.0	
17	0.0	0.0	0.12	0.0	0.34	0.0	0.11	0.0	0.64	0.43	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.06	0.05	0.04	0.0	0.01	0.31	0.0	0.0	
19	0.0	0.0	0.61	0.0	0.0	0.73	0.0	0.77	0.22	0.0	0.05	0.0	
20	0.15	0.0	0.0	0.0	0.0	0.39	0.0	0.0	0.0	0.0	0.01	0.36	
21	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.05	0.13	
22	0.32	0.0	0.0	0.0	0.0	1.28	0.0	0.0	0.22	0.0	0.0	0.0	
23	0.01	0.01T	0.0	0.0	0.0	0.38	0.0	0.0	0.36	0.0	0.0	0.0	
24	0.0	0.25	0.0	0.0	0.0	2.00	0.0	0.0	0.06	0.0	0.0	0.0	
25	0.0	0.06	0.0	0.0	0.0	0.33	0.05	0.0	0.30	0.0	0.0	0.06	
26	0.0	0.0	0.0	0.0	0.0	0.0	1.73	0.0 T	0.05	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.27	0.26	0.39	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.31	0.24	0.15	0.0	0.22	0.28	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.59	0.09	0.0	0.04	0.52	2.08	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.11	0.0	0.03	0.0	0.01	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.01	1.40	0.0	0.0	0.0	0.0	
TOTAL		0.48	1.57	1.05	1.07	2.59	7.74	7.19	6.50	5.12	4.76	0.36	0.37
STA AV		1.75	2.32	3.08	2.16	4.34	7.56	6.95	6.80	5.65	4.00	1.22	1.44

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-2, p. 08.002-1. Thiessen weighted average of 3 rain gages. STA AV based on period July 1, 1955 through 1975.

1975 MEAN DAILY DISCHARGE (cfs) VERMILION, MISSISSIPPI (TAYLOR CREEK) WATERFALL												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.40	0.30	0.40	0.0	0.0	0.0	7.90	5.60	16.00	28.00	53.00	2.60
2	0.40	0.30	0.30	0.0	0.0	0.0	9.30	4.30	12.00	37.00	42.00	2.40
3	0.40	0.30	0.30	0.10	0.0	0.0	7.20	3.60	14.00	28.00	34.00	2.40
4	0.40	0.60	0.40	0.10	0.0	0.0	7.20	3.60	35.00	23.00	30.00	2.20
5	0.40	0.50	0.60	0.10	0.0	0.0	4.30	3.00	30.00	19.00	27.00	2.40
6	0.40	0.40	0.70	0.10	0.0	0.0	3.00	2.60	13.00	26.00	23.00	2.60
7	0.40	0.40	0.70	0.10	0.0	0.0	2.80	3.60	7.20	46.00	40.00	2.40
8	0.30	0.50	0.30	0.0	0.0	0.0	2.80	3.80	4.80	28.00	18.00	2.20
9	0.30	0.40	0.20	0.0	0.0	0.0	7.00	8.50	4.10	22.00	14.00	2.60
10	0.30	1.80	0.20	0.0	0.0	0.0	16.00	15.00	7.50	15.00	12.00	2.60
11	0.30	3.80	0.20	0.0	0.0	0.0	12.00	15.00	6.60	11.00	10.00	1.80
12	0.30	2.80	0.10	0.0	0.0	0.0	12.00	13.00	14.00	8.20	5.30	2.60
13	0.30	2.20	0.10	0.0	0.0	0.0	54.00	23.00	8.90	5.50	7.50	1.80
14	0.30	1.80	0.10	0.10	0.0	0.0	36.00	22.00	10.00	5.60	6.60	2.60
15	0.30	1.60	0.10	0.20	0.0	0.0	28.00	18.00	8.20	4.80	5.60	2.60
16	0.30	1.20	0.10	0.20	0.0	0.0	18.00	17.00	5.90	4.30	5.10	2.00
17	0.20	0.90	0.10	0.10	0.0	0.0	10.00	15.00	5.50	6.50	4.60	1.80
18	0.20	0.70	0.10	0.10	0.0	0.0	6.20	14.00	22.00	27.00	4.30	1.80
19	0.20	0.60	0.20	0.10	0.0	0.0	7.00	15.00	18.00	26.00	4.10	1.80
20	0.20	0.50	0.10	0.0	0.0	0.0	6.60	35.00	24.00	16.00	4.10	1.60
21	0.20	0.40	0.10	0.0	0.0	0.10	5.40	22.00	19.00	15.00	4.10	1.50
22	0.50	0.40	0.10	0.0	0.0	1.70	3.00	15.00	15.00	13.00	3.60	1.60
23	1.40	0.40	0.10	0.0	0.0	14.00	1.80	12.00	13.00	11.00	3.40	1.60
24	0.60	0.30	0.10	0.0	0.0	8.30	0.70	11.00	29.00	8.50	3.20	1.40
25	0.50	0.40	0.10	0.0	0.0	30.00	0.40	8.90	22.00	7.00	3.00	1.40
26	0.40	0.50	0.10	0.0	0.0	13.00	0.40	7.90	40.00	5.50	2.80	1.40
27	0.30	0.40	0.10	0.0	0.0	7.50	2.60	6.60	28.00	4.80	2.60	1.40
28	0.40	0.40	0.0	0.0	0.0	15.00	2.80	5.10	21.00	4.30	2.40	1.20
29	0.30		0.0	0.0	0.0	7.50	7.20	4.10	27.00	106.00	2.40	1.60
30	0.30		0.0	0.0	0.0	4.60	9.50	4.30	33.00	106.00	2.60	1.60
31	0.30		0.0		0.0		7.20	4.80		72.00		1.60
MEAN	0.371	0.886	0.193	0.043	0.0	3.357	5.550	11.048	17.137	24.039	12.170	1.829
INCHES	0.022	0.048	0.012	0.003	0.0	0.198	0.575	0.667	1.001	1.451	0.711	0.110
STA AV	0.412	0.314	0.909	0.167	0.240	1.476	2.162	2.163	2.475	1.734	1.043	0.146

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by .00154712. Runoff data furnished by U.S. Geological Survey.

VERO BEACH, FLORIDA (WILLIAMSON DITCH) WATERSHED W-5

LOCATION: Okeechobee County, Florida; 125 feet upstream from control structure 7, 450 feet upstream from confluence with Taylor Creek, 3.6 miles north of town of Okeechobee, Florida. Lat. 27 deg. 18 min. 40 sec. N.; Long. 80 deg. 53 min. 44 sec. W.

AREA: 22656.00 acres 35.40 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)							VERO BEACH, FLORIDA (WILLIAMSON DITCH) WATERSHED W-5							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1975	P	0.14	2.28	0.64	0.54	5.55	8.54	5.67	4.36	6.96	2.13	0.46	0.64	37.95
	Q	0.089	0.152	0.060	0.057	0.053	0.327	0.660	0.256	1.721	0.665	0.121	0.121	4.262
STA AV	P	1.83	2.24	2.79	0.97	4.66	10.18	7.58	7.26	5.19	4.64	1.27	1.28	45.85
	Q	0.508	0.326	0.774	0.167	0.263	2.229	2.828	2.557	1.636	1.728	0.518	0.294	13.827

NOTES: Watershed Conditions: 1975: Vegetative cover: Improved pasture - 60%; unimproved pasture and range with little timber - 15%; woodland - 10%; citrus - 5%; marsh-swamp - 5%; urban, roads, etc. - 5%. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1971, USDA Misc. Pub. 1383, p. 08.002-3. Precipitation and runoff records began April 1964, part-year records not included in STA AV. Precipitation Thiessen weighted using 2 gages. Runoff data furnished by U.S. Geological Survey. For long-time precipitation records, see National Weather Service records at Okeechobee Hurricane Gate 6, Florida (gage discontinued Nov. 1971, afterwards use okeechobee 9 SW).

1975	DAILY PRECIPITATION (inches)					VERO BEACH, FLORIDA (WILLIAMSON DITCH) WATERSHED W-5						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.29	0.70	0.0	0.86	0.11	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.57	0.10	0.0	0.06	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.10	0.0
5	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.06	0.10	0.04	0.0	0.0
6	0.0	0.16	0.0	0.0	0.0	0.0	0.24	0.07	0.06	0.07	0.13	0.0
7	0.0	0.0	0.0	0.0	0.58	0.04	0.0	0.13	0.0	0.0	0.0	0.0
8	0.06	0.0	0.0	0.0	0.24	0.04	0.91	1.19	0.0	0.14	0.0	0.0
9	0.0	0.0	0.0	0.0	0.54	0.11	0.0	0.10	1.16	0.0	0.0	0.0
10	0.0	0.84	0.0	0.0	0.06	0.0	0.43	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.20	0.0	0.38	0.38	0.0	0.07	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.37	0.04	0.31	1.08	0.0	0.0	0.0	0.0
13	0.04	0.0	0.0	0.0	0.42	0.0	0.06	0.0	0.10	0.13	0.0	0.0
14	0.0	0.0	0.0	0.0	0.10	0.0	1.02	0.0	0.06	0.0	0.0	0.04
15	0.0	0.0	0.0	0.34	0.84	0.45	0.0	0.68	0.31	0.0	0.0	0.0
16	0.0	0.0	0.04	0.0	0.12	0.0	0.42	0.0	0.10	0.06	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.64	0.46	0.0	0.25	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.14	0.36	0.0	0.06	0.59	1.24	0.0	0.06
19	0.0	0.0	0.20	0.0	0.0	0.34	0.0	0.11	0.46	0.0	0.0	0.0
20	0.0	0.26	0.0	0.0	0.0	1.07	0.14	0.11	0.04	0.0	0.23	0.14
21	0.0	0.63	0.0	0.0	0.0	0.03	0.0	0.11	0.0	0.0	0.0	0.30
22	0.04	0.0	0.0	0.0	0.0	0.68	0.0	0.0	0.90	0.0	0.0	0.0
23	0.0	0.20	0.0	0.0	0.0	0.44	0.0	0.0	0.06	0.0	0.0	0.0
24	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0
25	0.0	0.03	0.0	0.0	0.0	2.66	0.07	0.0	1.14	0.0	0.0	0.04
26	0.0	0.0	0.0	0.0	0.0	0.06	0.10	0.0	0.06	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.14	0.0	0.07	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.29	0.13	0.0	0.0	0.04	0.14	0.0	0.0
29	0.0	0.0	0.0	0.0	1.97	0.21	0.24	0.38	0.04	0.20	0.0	0.0
30	0.0	0.0	0.0	0.0	0.04	0.0	0.02	0.06	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.64	0.0	0.0	0.22	0.0	0.0	0.0	0.06
TOTAL	0.14	2.28	0.64	0.54	5.59	8.54	5.67	4.36	6.96	2.13	0.46	0.64
STA AV	1.83	2.24	2.79	0.97	4.66	10.18	7.58	7.26	5.19	4.64	1.27	1.28

NOTES: For daily air temperatures in the vicinity, see p. 08.002-1. Precipitation values are Thiessen weighted averages of two gages. STA AV based on 11 yr (1965-1975) record period.



1975 DAILY PRECIPITATION (inches)													VEHC BEACH, FLORIDA (TAYLOR CREEK)				WATERSHED W-2	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
1	0.0	0.0	0.0	0.0	0.0	0.11	0.64	0.0	0.60	0.21	0.0	0.0						
2	0.0	0.0	0.0	0.0	0.0	0.59	0.08	0.0	0.02	0.01	0.0 T	0.0						
3	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.06	0.68	0.01	0.01	0.0						
4	0.0	0.0	0.0	0.0	0.0	0.01T	0.0	0.0	0.24	0.02T	0.12	0.0						
5	0.0	0.0	0.34	0.0	0.05	0.07	0.0	0.22	0.04	0.09	0.0	0.09						
6	0.0	0.22	0.0	0.0	0.0	0.0 T	0.26	0.27	0.02T	0.32	0.07	0.01						
7	0.0	0.0 T	0.0	0.0	0.20	0.20	0.0	0.10	0.0	0.0 T	0.05	0.0 T						
8	0.02	0.0	0.0	0.0	0.34	0.13	0.06	1.23	0.0	0.10	0.03	0.0						
9	0.0 T	0.0	0.0	0.0	0.33	0.51	0.21	0.09	0.92	0.0	0.0 T	0.0						
10	0.0	0.92	0.0	0.0	0.03	0.02	0.28	0.0	0.01	0.0	0.0	0.0						
11	0.0	0.0	0.0	0.27	0.0 T	0.17	0.36	0.0	0.06	0.0	0.01T	0.0						
12	0.0	0.0	0.0	0.01	0.15	0.02	0.06	1.14	0.0	0.0	0.0 T	0.0 T						
13	0.02	0.0	0.0	0.04	0.24	0.0	0.02	0.0	0.20	0.13	0.0	0.03						
14	0.0 T	0.0	0.0 T	0.16	0.15	0.0	0.53	0.0	0.08	0.0	0.0	0.04						
15	0.0	0.0	0.0 T	0.45	0.44	0.20	0.08	0.32	0.46	0.0	0.0	0.0 T						
16	0.0	0.0	0.02	0.0	0.09	0.0	0.24	0.01T	0.08	0.21	0.0	0.0						
17	0.0	0.0	0.08	0.0	0.11	0.31	0.47	0.0	0.36	0.14	0.0	0.0						
18	0.0 T	0.0 T	0.0	0.0	0.08	0.29	0.06	0.02	0.29	0.76	0.0	0.02						
19	0.0	0.0	0.34	0.0	0.0	0.72	0.0 T	0.73	0.34	0.0	0.05	0.0						
20	0.04	0.09	0.0	0.0	0.0	0.62	0.11	0.04	0.02	0.0	0.11	0.24						
21	0.0	0.33	0.0	0.0	0.0	0.03	0.0 T	0.10	0.0	0.0	0.0 T	0.0						
22	0.25	0.0	0.0	0.0	0.0	0.52	0.0	0.0 T	0.45	0.0	0.0	0.0						
23	0.01	0.10	0.0	0.0	0.0	0.34	0.0	0.0	0.18	0.0	0.0	0.0 T						
24	0.0	0.20	0.0	0.0	0.0	0.58	0.0	0.0	0.09	0.0	0.0	0.0						
25	0.0 T	0.03	0.0	0.0	0.0	1.52	0.13	0.0	0.63	0.0	0.0	0.04						
26	0.0 T	0.0	0.0	0.0	0.0	0.02	0.53	0.0	0.09	0.0	0.0	0.0						
27	0.0	0.0	0.0	0.0	0.24	0.14	0.15	0.0	0.0 T	0.0	0.0	0.0						
28	0.0	0.0	0.0	0.0	0.38	0.23	0.03	0.0	0.11	0.21	0.0	0.0						
29	0.0	0.0	0.0	0.0	0.64	0.14	0.21	0.30	0.26	0.75	0.0	0.0						
30	0.0	0.0	0.0	0.0	0.12	0.01	0.01	0.02T	0.01	0.0	0.0	0.0						
31	0.0	0.0	0.0	0.0	0.22	0.03	0.03	0.55	0.0	0.0	0.0	0.02						
TOTAL	0.34	1.89	0.78	0.93	3.81	8.12	6.17	5.20	6.26	2.96	0.45	0.73						
STA AV	1.83	2.34	3.10	1.85	4.50	8.61	6.65	6.78	5.93	4.04	1.31	1.48						

NOTES: Thiessen weighted rainfall, using 7 rain gages. STA AV based on period July 1, 1955 through 1975.

1975 MEAN DAILY DISCHARGE (cfs)													VEHC BEACH, FLORIDA (TAYLOR CREEK)				WATERSHED W-2	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec						
1	0.0	0.0	0.0	0.0	0.0	0.0	40.00	0.0	0.0	156.00	117.00	0.0						
2	48.00	0.0	17.00	0.0	0.0	0.0	60.00	0.0	57.00	230.00	66.00	15.00						
3	0.0	0.0	0.0	0.0	0.0	0.0	50.00	0.0	24.00	52.00	39.00	0.0						
4	0.0	0.0	0.0	0.20	0.0	0.0	35.00	0.0	76.00	106.00	11.00	0.0						
5	0.0	0.0	0.0	0.0	0.0	0.0	30.00	0.0	78.00	4.00	0.0	0.0						
6	19.00	16.00	0.0	0.0	0.0	0.0	30.00	0.0	57.00	91.00	25.00	0.0						
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	33.00	56.00	24.00	0.0						
8	0.0	0.0	0.0	0.0	0.0	0.0	30.00	0.0	23.00	28.00	0.0	15.00						
9	0.0	0.0	0.0	0.0	0.0	0.0	20.00	25.00	6.90	55.00	16.00	0.0						
10	32.00	11.00	0.0	0.0	0.0	0.0	0.0	47.00	92.00	75.00	0.0	0.0						
11	0.0	0.0	0.0	0.0	0.0	0.0	25.00	44.00	100.00	31.00	28.00	0.0						
12	0.0	15.00	0.0	20.00	0.0	0.0	30.00	45.00	91.00	34.00	0.0	0.0						
13	0.0	0.0	0.0	0.0	0.0	0.0	60.00	84.00	58.00	0.0	36.00	0.0						
14	22.00	0.0	0.0	28.00	0.0	0.0	100.00	101.00	69.00	26.00	0.0	0.0						
15	0.0	0.0	0.0	0.0	0.0	0.0	150.00	71.00	49.00	0.0	0.0	20.00						
16	0.0	0.0	0.0	0.0	0.0	0.0	90.00	71.00	122.00	32.00	25.00	0.0						
17	0.0	29.00	0.0	31.00	0.0	0.0	120.00	59.00	91.00	0.0	0.0	0.0						
18	0.0	0.0	0.0	0.0	0.0	0.0	150.00	26.00	166.00	67.00	0.0	0.0						
19	0.0	0.0	0.0	3.40	19.00	0.0	120.00	53.00	185.00	103.00	25.00	0.0						
20	44.00	0.0	0.0	28.00	0.0	0.0	60.00	92.00	216.00	60.00	0.0	0.0						
21	0.0	0.0	0.0	0.0	0.0	20.00	0.0	106.00	138.00	43.00	0.0	26.00						
22	0.0	28.00	0.0	23.00	0.0	0.0	0.0	77.00	116.00	36.00	25.00	0.0						
23	0.0	0.0	0.0	0.0	0.0	25.00	0.0	59.00	182.00	65.00	0.0	0.0						
24	0.0	34.00	0.0	0.0	0.0	30.00	30.00	53.00	105.00	42.00	0.0	0.0						
25	0.0	10.00	0.0	29.00	0.0	50.00	0.0	36.00	120.00	0.0	0.0	0.0						
26	35.00	24.00	0.0	0.0	0.0	60.00	0.0	31.00	320.00	80.00	0.0	0.0						
27	0.0	0.0	0.0	0.0	0.0	70.00	0.0	0.0	310.00	0.0	25.00	30.00						
28	0.0	26.00	0.0	0.0	0.0	30.00	20.00	41.00	185.00	55.00	0.0	0.0						
29	0.0	0.0	0.0	0.0	0.0	25.00	0.0	0.0	114.00	92.00	0.0	0.0						
30	0.0	0.0	0.0	0.0	0.0	20.00	0.0	51.00	188.00	219.00	0.0	0.0						
31	33.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	132.00	0.0	0.0	0.0						
MEAN	7.52	6.89	0.55	5.42	0.61	11.00	40.32	37.81	112.40	64.93	15.40	3.42						
INCHES	0.083	0.069	0.006	0.058	0.007	0.117	0.445	0.417	1.200	0.716	0.164	0.036						
STA AV	0.458	0.420	0.951	0.187	0.321	1.573	2.191	2.103	2.484	1.889	1.758	0.195						

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by .00035589. Discharge is combined flow from Williamson Ditch and S-1 structure. Runoff data furnished by the U.S. Geological Survey. Discharge measurements generally made once a week.

WATKINSVILLE, GEORGIA WATERSHED W-1 (10001)

LOCATION: Oconee Co., Ga.; 7 mi. S.W. of Athens, near Watkinsville, Ga., Oconee River Basin.

AREA: 19.20 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														WATKINSVILLE, GEORGIA WATERSHED W-1 (10001)													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	5.80	8.00	10.30	3.84	6.46	4.06	5.39	3.77	6.24	5.26	4.16	3.10	66.38													
	Q	0.214	0.841	3.517	0.677	0.024	0.230	0.023	0.011	0.036	0.078	0.035	0.017	5.706													
STA AV	P	4.83	4.70	6.08	4.33	4.11	3.82	4.97	3.94	3.26	2.84	3.57	4.71	51.15													
	Q	0.464	0.374	0.737	0.424	0.350	0.204	0.352	0.292	0.033	0.058	0.265	0.261	3.814													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge Date	Rate	1 Hour Date	Vol.	2 Hours Date	Vol.	Maximum Volume for Selected Time Interval																			
								6 Hours Date	Vol.	12 Hours Date	Vol.	1 Day Date	Vol.	2 Days Date	Vol.	8 Days Date	Vol.										
1975		4-2	1.130	3-13	0.635	3-13	0.795	3-13	1.032	3-13	1.747	3-13	3.068	3-12	3.202	3-14	3.473										
MAXIMUMS FOR PERIOD OF RECORD																											
		4-25	2.710	6-26	1.840	6-26	2.540	6-26	3.480	6-26	3.740	6-26	3.780	11-26	5.680	11-22	6.640										
		1945		1963		1963		1963		1963		1963		1948		1948											

NOTES: Watershed conditions: 1975: Excellent coastal bermudagrass pasture. Fertilized and cut as follows: Feb. 14 2000 lbs. NH<sub>4</sub>NO<sub>3</sub>, April 29 3800 lbs. NH<sub>4</sub>NO<sub>3</sub>, May 8 3800 lbs. 20% phosphate pentoxide, July 31 11 tons of hay cut, Aug. 4 6000 lbs. NH<sub>4</sub>NO<sub>3</sub>, Aug. 4 2000 potash 60% (P2O5), Sept. 5 33 tons of hay cut. A total of 12,698 cow-days of grazing. For topographic map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 10.1-8. Precipitation and runoff records began Sept. 1, 1959. For long-time precipitation records, see National Weather Service records at Athens, Ga. (1885-1939) and Southern Piedmont Conservation Research Center (1940-75).

1975 DAILY AIR TEMPERATURE (degrees F)														WATKINSVILLE, GEORGIA WATERSHED W-1 (10001)													
Day		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec														
		max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min														
1		67 38	67 48	62 32	68 46	73 62	83 65	86 69	83 66	89 62	74 56	68 32	62 32														
2		52 27	58 42	38 26	62 50	84 60	83 61	83 66	87 66	89 62	74 56	76 38	57 28														
3		55 28	42 35	42 19	64 40	86 62	81 56	89 65	89 69	92 65	64 47	76 44	68 34														
4		51 34	36 35	43 19	60 34	77 60	66 58	88 67	84 70	95 65	63 49	77 45	68 35														
5		52 26	48 35	56 23	67 34	74 51	87 62	87 65	85 68	94 66	68 55	75 50	70 34														
6		51 31	57 38	63 26	70 28	80 49	80 65	83 67	77 70	88 66	80 59	76 51	73 40														
7		55 30	44 30	66 40	70 33	73 62	85 65	84 68	83 69	75 68	72 62	76 62	67 49														
8		45 40	54 21	50 30	65 46	71 61	87 61	87 70	80 68	84 68	81 66	78 58	50 43														
9		52 45	55 33	48 20	70 44	78 63	73 63	90 65	66 67	89 65	81 57	75 58	47 37														
10		64 51	52 28	44 35	68 57	78 62	79 65	88 65	84 69	85 68	81 52	74 67	47 33														
11		66 45	70 38	54 41	71 50	79 55	81 66	82 66	85 68	84 66	83 52	71 61	63 26														
12		47 43	67 45	62 46	61 39	81 57	83 69	85 61	90 66	86 68	85 58	65 49	64 27														
13		42 27	62 35	66 56	65 30	81 57	86 63	84 66	89 65	74 57	83 56	47 36	68 31														
14		41 22	61 30	62 35	52 48	78 56	86 57	84 64	91 66	70 53	83 60	47 33	71 44														
15		56 25	68 35	60 31	66 49	76 65	82 64	84 68	90 69	69 50	85 60	60 27	72 42														
16		58 30	66 48	50 44	72 37	81 61	85 65	76 66	91 70	65 59	78 61	70 30	61 46														
17		51 31	70 57	57 44	80 44	74 62	90 61	83 66	89 70	71 65	78 60	71 35	45 41														
18		54 33	62 55	52 42	81 54	81 65	93 67	86 66	90 68	80 66	61 46	71 37	42 18														
19		68 34	60 42	56 42	78 61	83 62	90 62	88 66	89 67	85 62	58 41	71 41	40 13														
20		56 32	59 37	71 43	74 49	86 57	89 64	87 66	88 67	84 62	65 37	73 43	47 22														
21		47 25	63 31	77 40	75 39	88 59	85 67	84 70	88 66	82 65	74 36	62 35	44 30														
22		52 34	49 40	74 50	77 42	90 64	82 61	85 66	92 67	71 64	75 37	54 30	45 24														
23		48 40	75 49	76 47	75 47	88 64	81 57	84 69	94 65	78 57	79 46	42 35	57 22														
24		49 44	67 35	70 58	80 58	90 64	81 61	86 69	95 68	62 56	77 49	52 32	45 24														
25		60 48	58 34	66 41	84 61	91 62	85 65	88 70	96 68	68 49	80 53	52 30	41 34														
26		60 38	64 33	62 34	85 56	87 64	83 67	86 68	95 69	73 47	74 53	55 27	47 39														
27		68 31	58 32	63 36	83 62	87 61	85 67	85 67	93 68	75 45	70 60	59 40	44 38														
28		74 42	59 30	71 47	84 62	85 66	87 64	87 68	85 68	73 49	73 54	69 34	52 28														
29		77 52		73 54	78 66	81 66	86 67	85 69	84 66	70 56	81 51	63 39	47 26														
30		78 56		71 41	62 63	86 67	88 66	82 69	86 62	76 57	68 40	66 51	46 41														
31		76 53		58 30		82 69		83 67	86 66		60 34		63 43														
AV.		57 37	59 38	60 38	72 48	81 61	84 63	85 67	88 68	79 60	74 52	66 42	56 33														
MEAN		47.0	48.3	49.0	60.0	71.1	73.9	76.3	77.8	69.8	63.2	53.9	44.3														
STA AV		54 34	56 33	63 41	73 47	79 56	86 64	88 69	87 68	83 63	75 51	63 39	56 36														

NOTES: STA AV based on 7 yr (1969-75) record period.

1975 DAILY PRECIPITATION (inches) WATKINSVILLE, GEORGIA WATERSHED W-1 (10001)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.02	0.0	0.11	0.0	0.10	0.47	0.0	0.73	0.0	0.43	0.0	0.33
2	0.0	0.15	0.0	2.25	0.0	0.08	0.38	0.0	0.0	0.0	0.0	0.0
3	0.22	0.96	0.0	0.03	1.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.31	1.43	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.03	0.0	0.0
5	0.0	0.39	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.21	0.18	0.65	0.0	0.0	0.0
7	0.0	0.0	0.39	0.0	1.69	0.0	0.0	0.19	0.08	1.84	1.46	0.06
8	0.76	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.62	0.0	0.0
9	0.0	0.31	0.03	0.20	0.16	0.0	0.0	0.0	0.0	0.0	0.66	0.65
10	0.88	0.0	0.43	0.02	0.08	0.45	0.56	0.09	0.16	0.0	0.18	0.0
11	0.18	0.0	0.20	0.07	0.0	2.65	0.08	0.0	0.0	0.0	0.05	0.0
12	1.16	0.45	0.59	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.78	0.0
13	0.01	0.0	3.09	0.0	0.0	0.0	0.75	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	1.08	0.95	0.74	0.0	0.03	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.12	0.12	0.0	0.0	0.0	0.0	0.0	0.04
16	0.0	1.05	0.83	0.0	0.72	0.0	0.10	0.0	0.05	0.0	0.0	0.22
17	0.0	0.65	0.0	0.0	0.08	0.0	0.83	0.0	2.13	2.25	0.0	0.64
18	0.0	1.78	1.21	0.0	0.0	0.04	0.0	0.0	0.01	0.0	0.0	0.0
19	0.26	0.06	0.09	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0	0.0
20	0.42	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0	0.25	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0
22	0.0	0.34	0.03	0.0	0.0	0.0	0.0	0.0	0.42	0.0	0.0	0.0
23	0.18	0.05	0.03	0.0	0.0	0.0	0.0	0.0	1.57	0.0	0.41	0.0
24	0.67	0.94	1.10	0.0	0.0	0.0	1.85	0.0	0.04	0.0	0.0	0.0
25	0.73	0.0	0.0	0.01	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.57
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.64	0.0	0.0	0.0	0.04
27	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.28	0.0	0.0	0.13	0.0
28	0.0	0.04	0.0	0.0	0.05	0.0	0.07	0.01	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.05	0.0	0.0
30	0.0	0.66	0.31	0.03	0.0	0.03	0.0	0.0	0.0	0.0	0.15	0.42
31	0.0	0.0	0.0	1.08	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.63
TOTAL	5.80	8.00	10.30	3.84	6.46	4.06	5.35	3.77	6.24	5.26	4.16	3.10
STA AV	4.83	4.70	6.08	4.33	4.11	3.82	4.57	3.54	3.26	2.84	3.57	4.71

NOTES: Daily precipitation values from rain gage B1-W1. STA AV based on 36 yr (1940-75) record period.

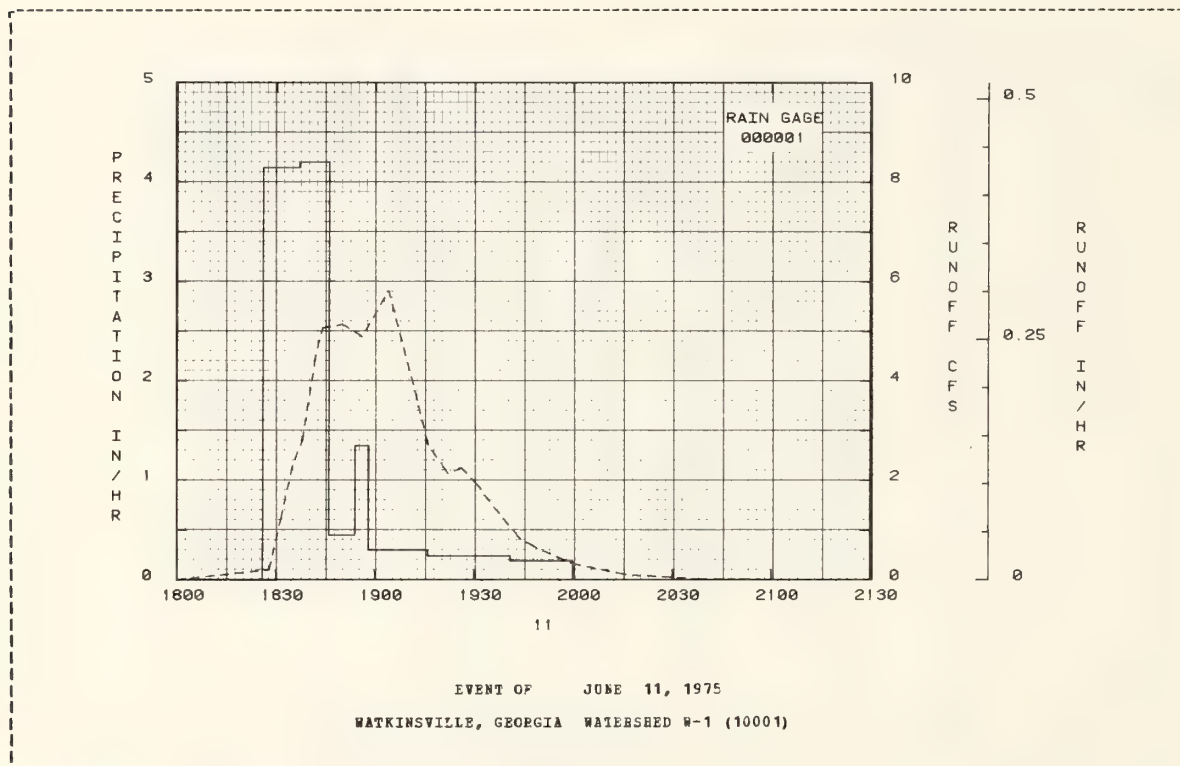
1975 MEAN DAILY DISCHARGE (cfs) WATKINSVILLE, GEORGIA WATERSHED W-1 (10001)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.003	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.521	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.032	0.0	0.025	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.032	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.009	0.017	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.043	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.0
10	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.006	0.0	0.0	0.0	0.0	0.185	0.0	0.0	0.0	0.0	0.0	0.0
12	0.099	0.0	0.076	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.005	0.0
13	0.0	0.0	1.617	0.0	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.890	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.012	0.020	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.005	0.011	0.0	0.001
18	0.0	0.326	0.143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.184	0.055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.021	0.0	0.0	0.0
24	0.001	0.079	0.031	0.0	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.0
25	0.055	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.012
MEAN	0.0056	0.0242	0.0915	0.0182	0.0006	0.0062	0.0006	0.0003	0.0010	0.0020	0.0009	0.0005
INCHES	0.214	0.841	3.517	0.677	0.024	0.230	0.023	0.011	0.036	0.078	0.035	0.017
STA AV	0.464	0.374	0.737	0.424	0.350	0.204	0.352	0.292	0.033	0.058	0.265	0.261

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.239669. STA AV based on 36 yr (1940-75) record period.



1975 SELECTED RUNCFF EVENT			WATKINSVILLE, GEORGIA WATERSHED W-1 (10001)							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 11, 1975										
6-11	RG 000001		6-11	RG 000001			6-11			
	0.82	0.003		1800	0.0	0.0		1800	0.0	0.0
				1826	0.0	0.0		1828	0.210	0.0025
				1837	4.1454	0.76		1830	0.797	0.0034
				1846	4.2000	1.39		1832	1.382	0.0053
				1854	0.4500	1.45		1835	2.250	0.0100
WATERSHED CONDITIONS:										
Dormant Coastal				1858	1.3499	1.54		1838	2.823	0.0166
Bermudagrass.				1916	0.3000	1.63		1842	4.522	0.0293
Excellent cover.				1941	0.2400	1.73		1844	5.068	0.0575
			2000	0.1895	1.75			1850	5.144	0.0639
								1856	4.853	0.0698
								1904	5.817	0.1267
								1912	3.777	0.1557
								1916	2.712	0.1709
								1922	2.134	0.1834
								1926	2.252	0.1910
								1932	1.820	0.2015
								1936	1.448	0.2071
								1944	0.822	0.2149
								1949	0.645	0.2181
								2000	0.323	0.2227
								2016	0.100	0.2256
								2038	0.013	0.2267
								2103	0.0	0.2268

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.051653.



## KLINGERSTOWN, PENNSYLVANIA WATERSHED WE-38

LOCATION: Northumberland County, Pennsylvania 6 miles northeast of Klingerstown, Pennsylvania: Mahantango Creek Watershed, Susquehanna River Basin. Lat. 40 deg. 42 min. 16 sec. N.; Long. 76 deg. 35 min. 16 sec. W.

AREA: 1773.00 acres 2.77 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						KLINGERSTOWN, PENNSYLVANIA WATERSHED WE-38											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	4.24	3.30	4.19	2.30	5.37	5.55	2.74	4.52	11.67	2.85	2.95	2.40	52.08			
	Q	3.542	4.097	3.900	1.725	2.817	1.824	0.482	0.267	7.378	1.827	2.044	1.212	31.114			
STA AV	P	2.36	2.18	3.08	2.99	4.36	6.08	3.41	3.32	5.12	2.34	3.80	3.37	42.40			
	Q	1.970	2.626	3.056	2.340	1.841	2.767	0.665	0.446	1.583	0.530	1.550	2.676	22.051			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		9-26	0.302	9-26	0.292	9-26	0.574	9-26	1.624	9-26	2.728	9-26	3.760	9-24	5.466	9-24	7.095
MAXIMUMS FOR PERIOD OF RECORD																	
		6-22	0.917	6-22	0.786	6-22	1.484	6-22	3.411	6-22	6.373	6-22	10.432	6-22	12.378	6-21	14.330
		1972		1972		1972		1972		1972		1972		1972		1972	

NOTES: Watershed conditions: Mixed cover area, 4-yr rotation of corn, small grain, small grain and native grasses, most of which is heavily contoured. Vegetative cover: corn, 20.4%; small grain, 20.0%; pasture, 4.0%; hay, 12.9%; vegetables, 0.7%; idle, 0.6%; orchard, 0.5%; homesteads and roads, 3.1%; forest, 37.8%. Precipitation and runoff records began Jan. 1, 1968. Precipitation data Thiessen weighted average for rain gages ME37 and ME37. Length of record 8 yr (1968-75). For topographic and geologic maps, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1968, USDA Misc. Pub. 1330, pp. 16.006-8 and 16.006-9. For long-time precipitation records, see National Weather Service records at Selinsgrove, CAA Airport, Pennsylvania.

1975 DAILY AIR TEMPERATURE (degrees F)														KLINGERSTOWN, PENNSYLVANIA WATERSHED WE-38													
Day	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec				
	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min			
1	36	32	33	22	35	22	60	26	53	44	73	56	79	48	94	62	63	56	74	52	57	28	60	27			
2	35	21	35	24	33	21	56	32	66	46	74	53	86	51	96	65	71	59	61	41	65	45	37	22			
3	32	16	36	21	30	18	51	27	70	37	73	56	86	59	95	66	72	52	61	32	72	44	35	22			
4	40	28	26	16	34	20	34	25	55	47	75	49	82	59	90	69	77	54	72	35	71	50	30	23			
5	37	20	32	23	39	18	38	23	56	41	65	57	85	54	87	67	76	50	69	41	74	44	44	22			
6	35	20	38	29	46	29	44	29	60	38	76	52	84	57	73	60	75	55	75	50	68	35	47	26			
7	41	23	31	10	45	28	40	28	67	47	65	48	82	55	68	58	75	48	68	40	72	48	36	17			
8	43	22	32	4	38	16	51	31	73	36	66	47	83	61	82	52	77	62	71	37	71	50	34	17			
9	44	33	28	11	34	14	52	28	72	47	72	43	83	63	84	50	69	44	58	52	76	46	44	32			
10	47	26	26	3	34	17	49	29	75	43	73	43	82	63	86	53	70	37	55	52	69	50	41	33			
11	65	40	30	20	38	29	52	23	73	45	70	50	79	59	83	62	74	48	69	52	60	36	39	31			
12	43	31	29	18	41	34	47	27	71	51	67	58	79	63	88	59	73	51	59	42	51	38	37	33			
13	32	23	27	17	48	33	45	24	70	53	79	57	73	66	87	60	60	39	69	45	51	36	42	36			
14	23	8	32	10	33	27	53	24	79	53	80	54	78	68	86	60	63	35	83	53	38	32	45	31			
15	24	5	36	8	40	25	45	38	75	51	79	64	81	66	82	57	64	37	80	50	47	28	53	31			
16	32	12	40	28	45	20	58	34	73	58	77	62	83	67	72	64	63	48	67	41	55	26	47	26			
17	28	15	38	33	56	31	62	37	72	48	82	57	99	67	81	64	74	47	55	41	61	30	41	23			
18	34	25	42	34	49	29	60	38	68	57	86	68	86	67	84	62	64	57	62	52	67	33	35	15			
19	45	24	40	33	52	40	67	47	80	59	87	62	84	66	78	53	73	58	56	50	67	36	23	13			
20	33	4	37	26	49	36	52	41	84	55	84	60	85	68	79	56	78	58	52	40	66	35	33	18			
21	25	7	46	20	48	32	52	34	85	61	79	50	85	63	77	54	72	49	69	37	58	39	31	23			
22	34	10	54	24	53	38	56	25	89	62	80	56	83	60	78	64	66	44	76	44	45	31	29	22			
23	40	17	49	39	54	35	64	30	84	60	87	60	87	59	74	55	61	54	76	48	45	23	33	19			
24	44	14	58	46	48	36	61	48	87	60	88	65	87	67	87	64	59	55	66	58	44	23	27	14			
25	46	33	46	32	57	36	58	45	67	53	79	65	81	58	88	64	62	55	67	57	40	25	30	19			
26	39	30	46	34	38	22	63	42	73	52	68	61	76	52	90	65	68	53	59	45	43	26	45	28			
27	36	26	42	25	40	19	59	38	79	61	65	58	81	48	93	62	70	50	38	59	53	34	36	30			
28	37	30	44	19	42	22	57	30	79	49	80	63	85	57	85	50	71	45	69	45	44	31	33	21			
29	50	32			40	34	52	43	80	49	83	60	84	53	83	54	73	39	64	44	42	26	38	23			
30	39	26			44	28	64	45	73	63	81	58	87	53	78	66	73	45	45	31	58	41	37	31			
31	35	21			43	25			82	66			90	58	75	58			49	26			40	34			
AV.	38	22	38	22	43	27	53	33	73	51	76	56	83	60	83	60	70	49	64	45	58	36	38	25			
MEAN	30.0		30.1		34.9		43.3		62.3		66.5		71.7		71.6		59.5		54.7		46.8		31.5				
STA AV	34	15	35	20	44	29	58	38	67	48	76	57	81	61	60	60	73	53	61	43	49	34	38	26			

NOTES: Temperature data taken from hygrothermograph charts. The recording period is from 2400 the preceding day to 2400 the date shown. Data recorded at MD38 meteorological station. STA AV based on 8 yr (1968-75) record period.

1975	DAILY PRECIPITATION (inches)					KLINGEESTOWN, PENNSYLVANIA WATERSHED WE-38						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.05	0.0	0.10	0.0	0.40	0.20	0.0	0.0	0.35	0.0	0.0	0.15
2	0.05N	0.0	0.0	0.0	0.10	0.20	0.0	0.0	0.15	0.10	0.0	0.0
3	0.0	0.05S	0.0	0.65	0.05	0.10	0.40	0.0	0.0	0.0	0.05	0.0
4	0.0	0.05	0.0	0.0	0.85	0.03	0.0	0.05	0.0	0.0	0.0	0.05
5	0.0	0.30N	0.0	0.0	0.10	1.63	0.0	0.0	0.25	0.0	0.0	0.0
6	0.10S	0.0	0.0	0.0	0.05	0.20	0.0	0.70	0.10	0.0	0.0	0.05
7	0.10S	0.0	0.10	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.13	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.22	0.0
9	0.80	0.05	0.0	0.0	0.0	0.0	0.35	0.0	0.05	0.10	0.0	0.20L
10	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.55	0.0
11	0.20	0.0	0.05S	0.0	0.0	0.30	0.05	0.0	0.0	0.30	0.0	0.0
12	0.20	0.35S	0.39	0.0	0.75	0.55	0.10	0.0	0.66	0.0	1.10	0.0
13	0.25N	0.0	0.0	0.0	0.10	0.0	0.30	1.00	0.0	0.0	0.20	0.05
14	0.0	0.0	0.51S	0.0	0.0	0.0	0.50	0.0	0.0	0.0	0.05	0.05
15	0.0	0.0	0.0	0.10	0.85	0.0	0.05	0.05	0.0	0.0	0.0	0.0
16	0.05	0.10	0.0	0.0	0.21	0.0	0.35	0.25	0.05	0.0	0.0	0.05
17	0.0	0.35E	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.60	0.0	0.0
18	0.39	0.0 E	0.0	0.10	0.0	0.0	0.0	0.10	0.10	0.90	0.0	0.0
19	0.20	0.10	1.59	0.0	0.0	0.10	0.05	0.0	0.50	0.15	0.0	0.0
20	0.05N	0.0	0.10	0.0	0.0	0.0	0.25	0.0	0.49	0.20	0.05	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.40	0.0
22	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.05	0.15	0.0	0.0	0.0
23	0.0	0.60	0.0	0.10	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0
24	0.0	1.20	0.40	0.75	0.24	0.58	0.25	0.0	2.56	0.0	0.0	0.0
25	0.75	0.15N	0.0	0.60	1.37	0.11	0.0	0.0	1.88	0.10	0.0	0.25
26	0.0	0.0	0.0	0.0	0.05	0.55	0.0	0.30	3.77E	0.0	0.0	0.55
27	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0	0.20	0.0
28	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
29	1.00L		0.13	0.0	0.0	0.20	0.0	1.52	0.0	0.0	0.0	0.0
30	0.0		0.47	0.0	0.15	0.0	0.0	0.45	0.0	0.05	0.0	0.40
31	0.05S		0.0		0.05		0.0	0.05		0.0		0.20L
TOTAL	4.24	3.30	4.19	2.30	5.37	5.55	2.74	4.52	11.67	2.85	2.55	2.40
STA AV	2.36	2.18	3.08	2.99	4.36	6.08	3.41	3.32	5.12	2.34	3.80	3.37

NOTES: Precipitation values are Thiessen weighted average of rain gages ME37 and ME37. STA AV based on 8 yr (1968-75) record period.

1975	MEAN DAILY DISCHARGE (cfs)					KLINGEESTOWN, PENNSYLVANIA WATERSHED WE-38						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.04	11.44	9.06	6.95	4.25	3.53	1.73	0.54	1.35	6.69	2.09	2.68
2	1.83	8.69	7.49	6.36	3.78	3.10	1.58	0.53	1.28	5.54	1.95	2.41
3	1.73	7.11	6.16	10.16	3.36	3.25	1.83	0.51	1.10	4.34	1.81	2.23E
4	1.79	5.91	5.12	8.97	8.47	2.63	1.54	0.50	0.95	3.65	1.72	2.15E
5	1.67	5.57	4.38	8.11	10.77	10.25	1.36	0.48	0.86	3.19	1.63	2.09E
6	1.65	5.18	3.99	7.09	11.22	21.03	1.23	0.88	1.13	2.87	1.56	2.04E
7	1.85	4.32	3.74	6.02	8.83	13.76	1.18	0.57	0.77	2.45	1.56	1.58E
8	1.97	3.72	3.37	5.13	7.04	8.70	1.11	0.47	0.69	2.18	2.09	1.53E
9	20.17	3.33	3.03	4.43	5.98	6.41	1.37	0.42	0.61	2.10	1.59	1.87E
10	17.46	3.20	2.74	4.02	5.22	5.03	1.13	0.42	0.56	1.88	2.30	1.82E
11	12.18	3.30	2.58	3.59	4.63	4.42	1.02	0.40	0.57	2.44	2.46	1.77E
12	8.41	2.81	3.56	3.29	6.45	7.12	1.05	0.38	1.41	1.82	18.68	1.71E
13	9.57	2.35	3.12	2.98	5.70	4.73	1.05	1.67	0.87	1.61	26.32	1.66E
14	8.44	2.42	2.85	2.65	4.89	3.65	1.79	0.76	0.67	1.52	16.03	1.61E
15	7.32	2.22	3.13	2.69	5.32	3.45	1.24	0.56	0.58	1.42	9.92	1.56E
16	6.10	2.10	3.81	2.51	13.39	3.18	1.63	0.71	0.62	1.28	7.45	1.52E
17	4.80	3.54	4.93	2.28	11.24	2.81	1.46	0.55	0.60E	1.78	6.04	1.47E
18	4.39	8.02	5.86	2.23	8.96	2.52	1.25	0.46	0.61	20.95	5.07	1.42E
19	4.14	14.85	38.57	2.19	7.27	2.30	1.19	0.40	1.47	13.26	4.45	1.34
20	3.57	14.52	49.65	1.86	5.96	2.00	1.20	0.36	1.46	9.61	4.11	1.31
21	3.40	10.67	23.06	1.65	5.09	1.74	1.12	0.35	1.94	7.49	5.61	1.29
22	2.82	8.90	15.82	1.55	4.35	1.60	0.97	0.41	1.56	6.67	3.82	1.27
23	2.61	14.94	11.41	1.53	3.80	1.50	0.90	0.33	3.55	5.45	3.35	1.24
24	2.56	55.56	11.97	2.68	3.48	1.59	0.98	0.35	25.59	4.51	3.30	1.11
25	10.67	50.22	12.15	4.90	13.21	1.66	0.57	0.34	125.74	4.19	3.21	1.13
26	17.41	24.01	10.45	5.14	10.80	2.52	0.79	0.38	280.32	3.62	3.03	13.34
27	12.23	15.21	8.30	4.94	7.66	3.28	0.73	0.33	53.88	3.23	3.22	9.51
28	9.28	11.08	7.26	4.60	5.78	2.83	0.71	0.27	19.03	2.56	2.79	6.54
29	35.62		6.67	4.22	4.73	2.49	0.64	2.03	11.61	2.77	2.54	5.05
30	29.33		9.22	3.71	4.37	2.17	0.58	2.35	8.24	2.45	2.52	6.05
31	16.91		7.06		3.83		0.55	1.21		2.18		7.16
MEAN	8.512	10.899	9.371	4.283	6.768	4.528	1.158	0.642	18.320	4.390	5.074	2.912
INCHES	3.542	4.097	3.900	1.725	2.817	1.824	0.482	0.267	7.378	1.827	2.044	1.212
STA AV	1.970	2.626	3.056	2.340	1.841	2.767	0.665	0.446	1.583	0.530	1.550	2.676

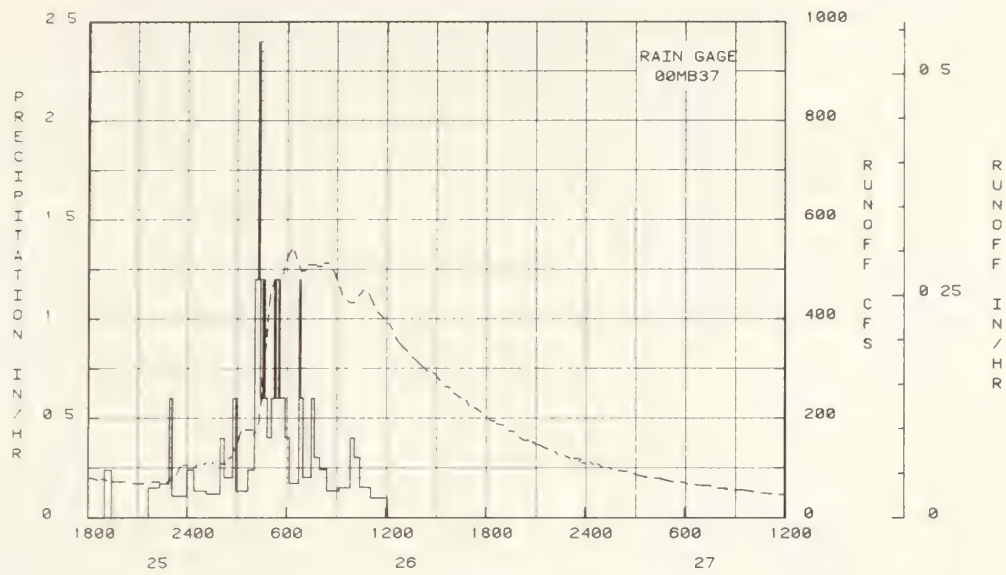
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.013425. Records are good. Some periods of winter records are affected by ice on control, no adjustments were made for these records. STA AV based on 8 yr (1968-75) record period.



1975 SELECTED RUNOFF EVENT			KILGERSIC, PENNSYLVANIA WATERSHED WE-36							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 25 - 27, 1975										
FG 00MB37			EG 00MB37							
9-25	1.40	1.434	9-25	1500	0.0	0.0	9-25	1805	80.157	0.0
				1925	0.2400	0.10		1835	75.942	0.0072
				2140	0.0	0.10		1850	78.025	0.0106
				2220	0.1500	0.20		1910	75.942	0.0143
				2255	0.1714	0.30		1930	72.816	0.0245
WATERSHED CONDITIONS: Mixed cover area, 4-yr rotation of corn, small grain, small grain and native grasses, most of which is heavily contoured. Vegetative cover: Corn, 20.4%; small grain, 20.0%; pasture, 4.0%; hay, 12.9%; vegetables, 0.7%; idle, 0.6%; orchard, 0.5%; homesteads and roads, 3.1%; forest, 37.8%.				2305	0.6000	0.40		2015	72.816	0.0482
				2400	0.1091	0.50		2050	68.827	0.0515
			9-26	25	0.2400	0.60		2125	68.827	0.0611
				110	0.1333	0.70		2155	72.816	0.0645
				200	0.1200	0.80		2220	72.816	0.0814
				215	0.4000	0.90		2250	72.816	0.0950
				245	0.2000	1.00		2305	80.197	0.0987
				255	0.6000	1.10		2320	86.846	0.1026
				340	0.1333	1.20		2335	103.703	0.1073
				405	0.2400	1.30		2345	106.252	0.1121
				410	1.2001	1.40		2400	106.252	0.1171
				415	1.1999	1.50	9-26	20	59.913	0.1218
				420	2.4001	1.70		35	106.252	0.1267
				425	1.1999	1.80		100	107.587	0.1316
				435	0.6000	1.90		110	111.471	0.1365
				440	1.1999	2.00		130	112.766	0.1422
				450	0.6000	2.10		135	108.882	0.1473
				505	0.4000	2.20		210	108.882	0.1825
				515	0.5999	2.30		220	108.882	0.1880
				520	1.2001	2.40		230	119.626	0.1987
				530	0.5999	2.50		240	123.803	0.2043
				535	1.2001	2.60		300	147.673	0.2111
				545	0.6000	2.70		315	174.111	0.2190
				555	0.5999	2.80		330	177.615	0.2354
				610	0.4000	2.90		355	175.810	0.2436
				645	0.1714	3.00		400	169.017	0.2516
				650	1.2001	3.10		410	172.413	0.2675
				700	0.6000	3.20		420	193.862	0.2762
				730	0.2000	3.30		430	250.404	0.2872
				740	0.6000	3.40		440	326.615	0.3015
				800	0.3000	3.50		445	345.582	0.3173
				825	0.2400	3.60		455	426.418	0.3364
				910	0.1333	3.70		500	450.975	0.3568
				950	0.1500	3.80		515	479.594	0.3790
				1005	0.4000	3.90		535	479.594	0.4664
				1025	0.3000	4.00		545	489.403	0.4911
				1105	0.1500	4.10		600	522.912	0.5152
				1205	0.1000	4.20		615	540.447	0.5402
								625	536.532	0.5652
								650	495.940	0.5865
								710	459.205	0.6116
								715	509.251	0.6351
								745	509.291	0.7776
								750	505.865	0.8012
								805	505.865	0.6720
								815	512.697	0.6958
								830	512.697	0.9675
								850	452.672	0.5905
								920	447.840	1.0116
								945	432.427	1.0521
								1005	432.427	1.1328
								1020	447.840	1.1535
								1035	457.246	1.1747
								1055	450.975	1.1958
								1115	426.418	1.2159
								1130	411.403	1.2351
								1210	351.156	1.2534
								1240	354.548	1.2701
								1315	333.856	1.2857
								1350	313.510	1.3004
								1430	293.855	1.3420
								1450	291.518	1.3556
								1515	275.001	1.3814
								1535	263.716	1.3938
								1550	261.456	1.4060

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000559.

1975	SELECTED RUNOFF EVENT			KLINGESTOWN, PENNSYLVANIA			WATERSHED WE-3E			
ANTECEDENT CONDITIONS			RAINFALL			FUNGFP				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 25 - 27, 1975 (CONTINUED)										
							9-26	1605	250.404	1.4175
								1630	239.700	1.4404
								1650	235.416	1.4514
								1700	225.171	1.4620
								1720	221.117	1.4826
								1745	211.056	1.4927
								1820	153.662	1.5015
								1835	153.862	1.5290
								1840	166.445	1.5375
								1905	164.656	1.5551
								1925	174.111	1.5633
								1945	172.413	1.5754
								2015	155.640	1.5867
								2035	155.640	1.5940
								2050	152.453	1.6082
								2100	146.075	1.6150
								2110	147.673	1.6220
								2145	136.927	1.6284
								2215	130.961	1.6345
								2220	125.195	1.6404
								2250	123.803	1.6462
								2305	118.236	1.6574
								2320	118.236	1.6739
								2335	118.236	1.6794
								2340	112.766	1.6848
								2345	118.236	1.6902
								2350	110.177	1.6955
								2400	108.882	1.7007
							9-27	20	111.471	1.7163
								30	106.292	1.7212
								45	108.882	1.7262
								100	101.114	1.7310
								130	59.913	1.7496
								135	56.312	1.7542
								230	52.711	1.7585
								315	64.586	1.7706
								345	81.263	1.7763
								430	78.025	1.7892
								520	71.820	1.7960
								550	71.820	1.7993
								610	67.829	1.8057
								645	65.920	1.8086
								735	63.057	1.8147
								805	59.408	1.8175
								835	56.755	1.8201
								925	55.014	1.8304
								1010	51.655	1.8328
								1045	49.206	1.8351
								1115	47.626	1.8374



EVENT OF SEPTEMBER 25 - 27, 1975  
KLINGERSTOWN, PENNSYLVANIA WATERSHED WE-38



MCCREDIE, MISSOURI STATION RESERVOIR W-1

LOCATION: Callaway County, Mo.; 1 mi. S.E. of McCredie; Crows Fork Creek, Auxvasse Watershed, Missouri River Basin.  
Lat. 38 deg. 56 min. 54 sec. N.; Long. 91 deg. 54 min. 37 sec. W.

AREA: 153.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)							MCCREDIE, MISSOURI STATION RESERVOIR W-1										
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	2.85	2.12	2.76	4.55	3.07	4.34	0.57	8.35	4.49	2.53	2.81	2.08	40.96			
	Q	1.514	1.270	1.445	1.688	0.0	1.477	0.0	0.754	0.664	0.266	1.342	0.625	11.046			
STA AV	P	1.56	1.58	2.81	3.70	4.32	4.40	3.54	3.02	3.91	3.48	2.11	1.81	36.23			
	Q	0.714	0.704	1.263	1.140	0.858	1.014	0.488	0.144	0.508	1.017	0.459	0.453	8.800			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-17	0.528	6-17	0.471	6-17	0.730	6-17	0.935	4-23	1.225	6-16	1.471	4-23	1.674	4-18	1.688
MAXIMUMS FOR PERIOD OF RECORD																	
		10-13	2.269	10-13	1.365	10-13	2.236	10-4	3.960	10-4	7.000	10-4	7.775	10-3	8.090	10-2	8.840
		1966		1968		1968		1941		1941		1941		1941		1941	

NOTES: Watershed conditions: 42% Pasture and meadow; 37% corn; 13% soybeans; 2% grain sorghum; and 6% roads and farmsteads. Precipitation Thiessen average of 4 recording gages and 1 non-recording gage. Precipitation and runoff records began Jan. 1, 1941. Runoff amounts, or rates, which are reported as inches or inches per hour, respectively, were computed with a constant watershed area of 153 acres, including reservoir surface area. Previous published runoff amounts and rates were computed with a variable watershed area equal to the total area less the reservoir surface area, which was a function of reservoir stage. For topographic map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1963, USDA Misc. Pub. 1164, p. 25.1-13. For long-time precipitation records, see National Weather Service records at Columbia, Missouri (1890-1975).

1975 DAILY AIR TEMPERATURE (degrees F)														MCCREDIE, MISSOURI STATION RESERVOIR W-1	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min		
1	40 27	32 29	44 26	63 33	67 40	72 53	87 65	90 68	95 64	60 44	66 51	37 18			
2	37 23	34 31	32 18	53 30	69 49	73 54	88 67	87 70	95 70	58 36	71 52	52 31			
3	36 30	44 30	31 17	40 22	69 55	82 58	91 66	87 66	94 68	65 35	63 56	45 29			
4	42 20	41 35	39 17	52 24	86 44	86 68	92 70	91 60	92 68	67 38	67 58	65 38			
5	46 25	41 23	58 25	56 28	82 52	85 68	93 74	96 65	81 68	72 40	70 56	65 53			
6	44 35	23 13	58 31	57 31	83 60	86 63	92 74	96 65	76 53	78 46	68 53	62 31			
7	54 31	33 6	54 32	54 34	77 58	86 61	90 70	84 57	84 54	78 50	74 55	36 26			
8	50 34	33 13	58 22	54 42	79 56	77 54	93 65	85 58	86 61	78 56	74 48	34 26			
9	51 32	13 -5	32 22	72 48	79 56	70 62	93 68	91 59	86 60	76 56	75 59	34 32			
10	54 47	34 3	33 26	72 39	75 54	73 62	83 64	92 66	82 64	78 46	57 41	53 26			
11	49 15	34 22	34 28	51 35	74 53	73 63	78 55	98 67	80 69	77 46	65 38	61 38			
12	21 7	33 27	34 32	54 32	70 52	79 55	76 56	100 74	74 49	86 56	63 36	57 37			
13	26 7	29 20	33 18	56 34	71 49	83 58	75 48	100 72	69 44	86 61	36 27	66 38			
14	28 12	34 27	36 22	50 44	76 54	90 68	86 54	82 71	68 48	85 57	47 15	68 58			
15	36 20	35 32	47 20	61 42	76 53	89 59	87 60	82 71	64 57	81 56	67 32	25 23			
16	35 15	35 30	51 32	73 46	72 50	79 56	88 62	87 66	68 60	63 39	66 39	40 21			
17	35 16	36 34	59 32	81 49	79 48	82 66	91 66	87 67	76 64	63 43	70 46	37 15			
18	50 33	35 32	59 36	80 66	84 52	87 71	91 70	91 65	83 64	57 39	66 42	20 7			
19	47 23	38 23	63 38	70 40	88 63	87 70	93 75	92 69	83 59	62 33	68 41	46 16			
20	31 -1	51 25	76 56	62 35	88 72	90 70	92 73	93 69	64 50	77 40	65 35	45 25			
21	39 27	59 36	77 54	76 42	84 61	90 67	90 68	94 72	63 48	80 54	35 30	35 16			
22	38 18	57 31	77 40	80 46	86 64	88 70	90 65	93 73	68 48	79 57	37 25	41 19			
23	49 14	31 27	77 47	79 60	86 74	88 70	97 73	93 73	71 43	78 60	44 15	35 24			
24	48 38	28 26	77 35	75 58	80 66	88 69	97 72	92 73	70 51	73 62	38 28	34 26			
25	44 35	40 27	36 20	72 56	78 62	88 70	84 61	80 68	63 42	56 34	31 24	34 31			
26	41 30	39 23	44 21	71 54	78 66	87 68	86 60	80 67	66 38	60 30	31 30	32 28			
27	46 30	40 16	43 34	84 61	78 56	91 68	92 68	88 67	69 39	72 46	31 24	25 26			
28	43 35	43 29	45 38	74 63	75 58	92 70	95 70	89 70	69 48	62 52	46 20	31 28			
29	61 36		36 28	80 49	78 63	90 71	95 68	81 69	72 55	59 41	60 42	33 30			
30	37 31		40 27	79 58	78 62	87 70	92 69	80 67	72 48	60 36	66 27	32 30			
31	33 21		63 33		67 53		91 71	80 60		67 45		32 31			
AV.	42 25	37 24	45 30	66 43	78 57	84 64	89 66	89 67	76 55	71 46	57 38	43 28			
MEAN	33.5	30.2	39.6	54.8	67.3	74.2	77.9	78.3	65.7	58.5	47.9	35.6			
STA AV	39 20	43 23	52 30	67 43	75 52	83 61	88 65	88 63	81 55	70 45	54 33	41 24			

NOTES: Temperature data taken daily with the maximum and minimum thermometers, except on weekends and holidays, when data taken from hygrothermograph charts. The recording period is from 1700 of the previous day to 1700 of the day on which values are recorded. STA AV based on 35 yr (1941-75) record period.

1969 DAILY PRECIPITATION (inches) MCCREDIE, MISSOURI STATION RESERVOIR W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.15	0.0
2	0.13	0.0	0.0	0.10	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.17	0.0
4	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.10	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.07
6	0.0	0.0	0.37	0.0	0.05	0.0	0.14	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.05	0.0	0.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.05	0.30	0.0	0.20	0.0	0.0	0.0	0.0	0.15
9	0.02	0.0	0.25	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.34	0.0
10	0.46	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0
11	0.0	0.13	0.09	0.0	0.14	0.0	0.0	0.0	0.73	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.05	0.0	1.40	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.08	0.04	0.66	0.0	0.76	0.09	1.24	0.0	0.90
15	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.13	0.0	0.0
16	0.0	0.65	0.0	0.0	0.0	1.83	0.0	0.0	0.02	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	1.46	0.0	0.43	0.0	0.0	0.0	0.0
18	0.0	0.07	0.0	0.38	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0
19	0.08	0.0	0.0	0.0	0.03	0.0	0.0	0.27	0.25	0.0	0.11	0.0
20	0.0	0.0	0.0	0.0	0.73	0.0	0.35	0.0	0.0	0.0	0.11	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.25	0.03	1.60	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.41	0.05	0.0	2.10	0.44	0.0	0.23	0.0	0.0	0.79	0.0	0.02
25	0.0	0.0	0.0	0.0	0.04	0.0	0.0	3.76	0.0	0.0	0.23	0.05
26	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.29	0.0
27	0.0	0.0	1.22	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0
28	0.05	0.0	0.33	0.04	0.35	0.0	0.0	0.10	0.50	0.32	0.0	0.11
29	0.36	0.0	0.0	0.0	0.0	0.0	0.0	1.15	0.50	0.05	1.41	0.78
30	1.29	0.0	0.0	0.20	0.30	0.0	0.02	0.0	0.12	0.0	0.0	0.0
31	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2.89	2.12	2.76	4.55	3.07	4.34	0.97	8.35	4.49	2.53	2.81	2.06
STA AV	1.56	1.58	2.81	3.70	4.32	4.40	3.54	3.02	3.91	3.48	2.11	1.81

NOTES: Precipitation data are Thiessen weighted values for 4 recording rain gages and 1 non-recording rain gage.  
STA AV values are for 35 yr (1941-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) MCCREDIE, MISSOURI STATION RESERVOIR W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.019	0.098	0.585	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	1.330	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.515	0.0	1.461
15	0.0	0.0	0.142	0.0	0.0	0.0	0.0	0.0	0.0	0.784	0.0	1.283
16	0.0	1.501	0.128	0.0	0.0	3.330	0.0	0.0	0.0	0.001	0.0	0.007
17	0.0	0.748	0.0	0.0	0.0	6.226	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.343	0.0	0.0	0.0	0.003	0.0	0.0	1.864	0.0	0.0	0.0
19	0.090	0.020	0.0	0.0	0.0	0.0	0.0	0.0	2.434	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	4.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.371	0.0	1.606	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.299	0.083	0.0	9.051	0.0	0.0	0.0	0.0	0.0	0.318	0.0	0.0
25	0.158	0.0	0.0	0.262	0.0	0.0	0.0	3.206	0.0	0.0	0.0	0.0
26	0.0	0.0	0.009	0.0	0.0	0.0	0.0	0.551	0.0	0.0	0.352	0.0
27	0.0	0.0	4.703	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.980	1.817	0.0	0.0	0.0	0.0	0.0	0.0	0.022	0.161	0.004
29	1.304	0.089	0.0	0.0	0.0	0.0	0.0	1.124	0.0	0.079	5.962	0.821
30	5.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.211	0.355
31	1.886	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.074
MEAN	0.3160	0.2935	0.3015	0.3640	0.0	0.3186	0.0	0.1574	0.1433	0.0555	0.2895	0.1305
INCHES	1.514	1.270	1.445	1.688	0.0	1.477	0.0	0.754	0.664	0.266	1.342	0.625
STA AV	0.714	0.704	1.263	1.140	0.898	1.014	0.488	0.144	0.508	1.017	0.459	0.453

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.155557. STA AV values are for 35 yr (1941-75) record period.

## CCSHOCTCN, OHIO WATERSHED 102

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Tuscarawas River, Muskingum River Basin. Lat. 40 deg. 22 min. 25 sec. N.; long. 81 deg. 47 min. 42 sec. W.

AREA: 1.26 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										COSHOCTON, OHIO WATERSHED 102									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	3.92	3.56	3.35	3.66	3.21	4.74	2.18	5.91	5.71	2.60	1.52	2.69	43.05					
	Q	0.000	0.099	0.0	0.000	0.0	0.060	0.000	0.016	0.074	0.016	0.0	0.0	0.266					
STA AV	P	1.98	2.29	3.95	3.38	3.88	4.36	4.04	3.24	2.55	2.36	2.57	2.50	37.15					
	Q	0.039	0.077	0.094	0.063	0.009	0.129	0.148	0.036	0.020	0.009	0.007	0.001	0.633					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-27	0.242	2-23	0.080	2-23	0.096	2-23	0.099	2-23	0.059	2-22	0.099	2-21	0.099	2-15	0.099		
MAXIMUMS FOR PERIOD OF RECORD																			
		6-12	3.640	6-12	1.310	7- 5	1.427	7- 5	2.470	7- 5	2.470	7- 5	2.470	7- 5	2.470	6-29	2.597		
		1957		1957		1969		1969		1969		1969		1969		1969			

NOTES: Watershed conditions: Cover of improved practice alfalfa meadow. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.1-4. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.1-1 and 26.30-3. Precipitation data from rain gage Y101. Precipitation and runoff records began April 1937. Watershed discontinued Jan. 1, 1947 to Apr. 26, 1957 and Jan. 1, 1958 to March 29, 1960. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														COSHOCTON, OHIO WATERSHED 102											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
1	0.0	0.01S	0.0 T	0.0	0.08	0.02	0.0	0.0	0.21	0.0	0.11	0.0													
2	0.0	0.0	0.07SZ	0.21	0.0	0.22	0.0	0.0	0.0	0.0	0.0	0.0													
3	0.30M	0.0	0.07SZ	0.09	0.06	0.27	0.0	1.00	0.03E	0.0	0.0	0.0													
4	0.0	0.07S	0.0	0.0	0.0	0.0 T	0.0	0.69	0.0	0.0	0.0	0.0													
5	0.0	0.30E	0.0	0.0	0.07	0.44	0.0	0.0 T	1.45	0.0	0.0	0.0													
6	0.05M	0.17M	0.0	0.0	0.24	0.09E	0.0	0.0	0.05	0.0	0.0	0.47													
7	0.0	0.0 T	0.64	0.0	0.0	0.0	0.46	0.0	0.0	0.0	0.06F	0.0													
8	1.04	0.03S	0.0 T	0.0	0.0	0.0	0.15	0.0	0.0	0.33	0.0	0.0													
9	0.05	0.12S	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.12	0.02	0.20													
10	0.15	0.0	0.04S	0.0	0.0	0.0	0.88	0.45	0.0	0.0	0.53	0.0													
11	0.06	0.0	0.0	0.0	0.0	0.79	0.0	0.69	1.00	0.0	0.0	0.0													
12	0.02SZ	0.22M	0.76	0.0	0.30	0.24	0.0	0.0	0.22	0.0	0.0	0.09													
13	0.03SZ	0.0	0.06	0.0	0.0 T	0.0	0.27	0.01E	0.0	0.0	0.06M	0.01E													
14	0.0	0.0	0.39M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02M	0.0													
15	0.01SZ	0.15E	0.02E	0.0	0.0	0.33	0.0	1.35	0.0	0.06	0.0	0.65													
16	0.01SZ	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0													
17	0.0	0.11	0.0	0.0	0.0	0.16	0.17	0.0	0.10	1.66	0.0	0.0													
18	0.20M	0.04	0.10E	0.19	0.09E	0.02E	0.05E	0.0	1.06	0.04	0.0	0.0 T													
19	0.25S	0.0	0.53	0.41	0.0	0.07	0.0	0.0	0.0	0.20	0.0	0.0 T													
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.15	0.01	0.32	0.09	0.02	0.05S													
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.07	0.05S													
22	0.0	0.11	0.03E	0.09E	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0													
23	0.0	2.02	0.0	0.50	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0													
24	0.0	0.11	0.45	0.30	0.0	0.0	0.0 T	0.0	0.67	0.0	0.01M	0.0													
25	0.38	0.0 T	0.0 T	0.75	0.47	0.01E	0.0	0.0	0.10	0.0	0.04M	0.25													
26	0.02S	0.0	0.01S	0.0	0.10	0.0 T	0.0	0.0 T	0.0 T	0.0	0.02M	0.42													
27	0.0	0.0 T	0.0	0.0 T	0.06	2.08	0.0	0.0	0.0	0.0	0.10M	0.0													
28	0.46	0.0 T	0.11	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T													
29	0.73	0.0	0.07	0.0	0.49	0.0	0.0	0.77	0.0	0.10	0.12	0.0													
30	0.03S	0.0 T	1.02	0.28	0.0	0.0	0.0	0.82	0.0	0.0	0.34	0.32													
31	0.13S	0.0	0.0	0.50	0.50	0.0	0.0	0.03	0.0	0.0	0.17E														
TOTAL	3.92	3.56	3.35	3.66	3.21	4.74	2.16	5.91	5.71	2.60	1.52	2.69													
STA AV	1.98	2.29	3.95	3.38	3.88	4.36	4.04	3.24	2.59	2.36	2.57	2.50													

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage Y101. STA AV based on 27 yr period, part-years records included. Codes 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

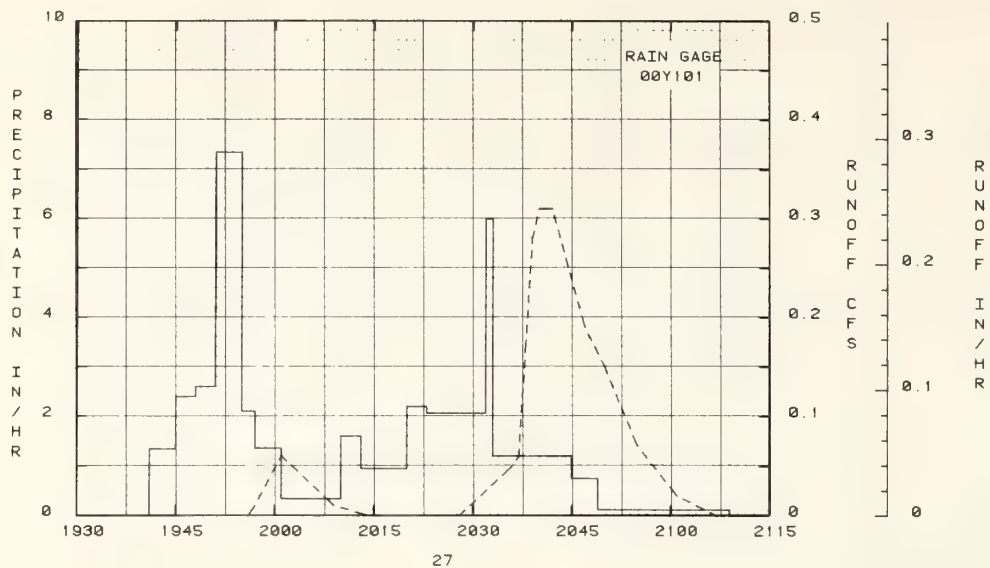


1975 MEAN DAILY DISCHARGE (cfs) CASHOCTON, OHIO WATERSHED 102												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0002	0.0	0.0	0.0	0.0001	0.0	0.0	0.0001	0.0	0.0	0.0
INCHES	0.000	0.005	0.0	0.000	0.0	0.000	0.000	0.016	0.074	0.016	0.0	0.0
STA AV	0.035	0.077	0.094	0.063	0.009	0.125	0.148	0.036	0.020	0.009	0.007	0.001

NOTES: To convert CFS to IN/DAY, multiply by 16.8902. STA AV based on 27 yr period, part-years records included.

1975 SELECTED RUNOFF EVENT CASHOCTON, OHIO WATERSHED 102										
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 27, 1975										
6-27	0.0	0.0	6-27	1941	0.0	0.0	6-27	1956	0.0	0.0
				1945	1.3499	0.05		1957	0.013	0.0001
				1948	2.4002	0.21		2001	0.063	0.0021
				1951	2.5598	0.34		2009	0.010	0.0059
				1955	7.3501	0.63		2014	0.001	0.0063
WATERSHED CONDITIONS: Orchardgrass and alfalfa pasture.				1957	2.0598	0.90		2025	0.0	0.0063
				2001	1.3502	0.95		2028	0.001	0.0064
				2010	0.3333	1.04		2036	0.045	0.0088
				2013	1.6000	1.12		2037	0.063	0.0095
				2020	0.5429	1.23		2038	0.171	0.0110
				2023	2.2000	1.34		2039	0.276	0.0139
				2032	2.0667	1.65		2040	0.307	0.0178
				2033	6.0015	1.75		2042	0.307	0.0258
				2045	1.2000	1.55		2047	0.155	0.0423
				2049	0.7498	2.04		2050	0.149	0.0490
				2109	0.1200	2.08		2055	0.070	0.0562
								2101	0.017	0.0596
								2107	0.001	0.0603
								2111	0.0	0.0604

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.76772000.



EVENT OF JUNE 27, 1975  
CCSHCCTON, OHIO WATERSHED 102

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Walhonding River, Muskingum River Basin.

AREA: 2.71 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								COSHOCTON, CHIO WATERSHED 129									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	3.84	3.82	3.71	3.68	3.06	4.58	1.96	5.93	5.80	2.97	1.51	2.74	43.60			
	Q	0.856	0.724	0.297	1.051	0.258	1.063	0.0	0.429	0.475	0.193	0.019	0.393	5.757			
STA AV	P	2.66	2.41	3.49	3.46	3.80	3.90	4.20	2.99	2.68	2.10	2.47	2.36	36.84			
	Q	0.111	0.176	0.155	0.095	0.049	0.153	0.120	0.060	0.052	0.015	0.011	0.044	1.040			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		1 Day		2 Days		8 Days			
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1975		6-27	2.591	6-27	0.954	6-27	1.005	6-27	1.005	6-27	1.005	6-26	1.005	6-25	1.005	4-25	1.008
MAXIMUMS FOR PERIOD OF RECORD																	
		6-27	2.591	6-12	0.980	9-1	1.010	3-4	1.530	3-4	2.420	3-4	2.900	3-3	3.510	3-3	4.000
		1975		1957		1950		1963		1963		1963		1963		1963	

NOTES: Watershed conditions: Cover of improved practice pasture. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.3-5. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.3-1 and 26.30-3. Precipitation data from rain gage 100. Precipitation and runoff records began April, 1938. Runoff measurements discontinued June 1972 to March 1974. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)													COSHOCTON, CHIO WATERSHED 129	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.03S	0.0 T	0.0	0.07	0.02	0.0	0.0	0.16	0.0	0.11	0.0		
2	0.0	0.0	0.06SZ	0.24	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.26E	0.0	0.05SZ	0.06	0.06E	0.21	0.0	1.00	0.03E	0.0	0.0	0.0		
4	0.0	0.11S	0.0	0.0	0.0	0.0 T	0.0	0.70	0.0	0.0	0.0	0.0		
5	0.0	0.34	0.0	0.0	0.07	0.38	0.0	0.0 T	1.35	0.0	0.0	0.0		
6	0.04E	0.15S	0.0	0.0	0.25	0.08	0.0	0.0	0.05	0.0	0.0	0.45		
7	0.0	0.0 T	0.65	0.0	0.0	0.0	0.30E	0.0	0.0	0.0	0.06E	0.0		
8	1.03	0.04S	0.0 T	0.0	0.0	0.0	0.13	0.0	0.0	0.38	0.0	0.0		
9	0.04	0.09S	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.13	0.03	0.19		
10	0.10 Z	0.0	0.10S	0.0	0.0	0.0	0.83	0.49	0.0	0.0	0.50	0.0		
11	0.10 Z	0.0	0.0	0.0	0.0	0.81	0.0	0.75	0.91	0.0	0.0	0.0		
12	0.02SZ	0.20E	0.76	0.0	0.26E	0.25	0.0	0.0	0.26	0.0	0.0	0.09		
13	0.02SZ	0.0	0.05	0.0	0.0 T	0.0	0.23	0.0 T	0.0	0.0	0.05E	0.01E		
14	0.0	0.0	0.56E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0		
15	0.02SZ	0.11	0.05E	0.0	0.0	0.29	0.0	1.27	0.0	0.06	0.0	0.64		
16	0.02SZ	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0		
17	0.0	0.15	0.0	0.0	0.0	0.15	0.17	0.0	0.10	2.02	0.0	0.0		
18	0.20E	0.04	0.14	0.18	0.11E	0.01	0.05	0.0	1.20	0.04	0.0	0.0 T		
19	0.25S	0.0	0.58	0.34	0.0	0.05	0.0	0.0	0.0	0.16	0.0	0.0 T		
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.21	0.0 T	0.31	0.09	0.03	0.05E		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.07	0.04E		
22	0.0	0.15	0.04E	0.11	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	2.12	0.0	0.46	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0		
24	0.0	0.15	0.47	0.31	0.0	0.0	0.0 T	0.0	0.78	0.0	0.01E	0.0		
25	0.39	0.0 T	0.0 T	0.78	0.41	0.01E	0.0	0.0	0.10	0.0	0.02E	0.29		
26	0.02E	0.0	0.0 T	0.0	0.09	0.0 T	0.0	0.0 T	0.0 T	0.0	0.02E	0.46		
27	0.0	0.0 T	0.0	0.0 T	0.04	2.09	0.0	0.0	0.0	0.0	0.12E	0.0		
28	0.51	0.0 T	0.14	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T		
29	0.68		0.06	0.0	0.47	0.0	0.0	0.72	0.0	0.09	0.12	0.0		
30	0.07SZ		0.0 T	1.09	0.26	0.0	0.0	0.91	0.0	0.0	0.35	0.31		
31	0.07SZ		0.0		0.90		0.0	0.03		0.0		0.21E		
TOTAL	3.84	3.82	3.71	3.68	3.06	4.58	1.96	5.93	5.80	2.97	1.51	2.74		
STA AV	2.66	2.41	3.49	3.46	3.80	3.90	4.20	2.99	2.68	2.10	2.47	2.36		

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 100. STA AV based on 37 yr period, part-year records included (gage 100 discontinued June 1972 to March 1974). Codes 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

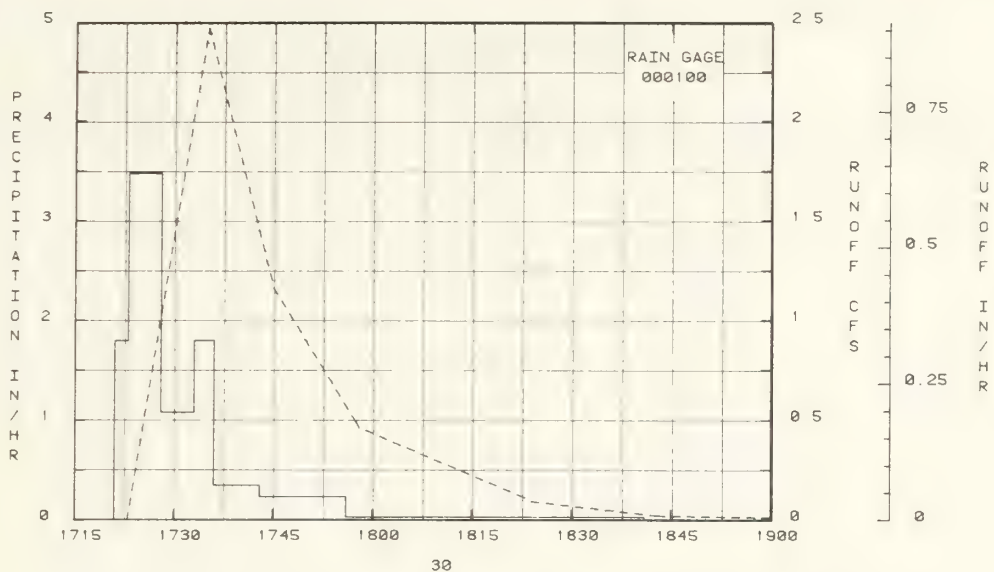


1975 MEAN DAILY DISCHARGE (cfs) CASSICOCTON, OHIO WATERSHED 129												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.031	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.002	0.0 T	0.0	0.0	0.0	0.0	0.0	0.001
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0
11	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.003	0.0	0.0	0.0	0.0
12	0.0	0.0	0.022	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.046	0.0	0.0	0.0	0.003
16	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022	0.0	0.0
18	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0
19	0.0	0.0	0.012	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.072	0.0	0.004	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0
24	0.021	0.0 T	0.0 T	0.002	0.0	0.0	0.0	0.0	0.023	0.0	0.0	0.0
25	0.038	0.0	0.0	0.050	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.039
27	0.0	0.0	0.0	0.0	0.0	0.115	0.0	0.0	0.0	0.0	0.0	0.0
28	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.035		0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.0	0.063	0.0 T	0.0	0.0	0.0 T	0.0	0.0	0.001	0.002
31	0.0		0.0		0.025		0.0	0.0		0.0		0.0
MEAN	0.0033	0.0029	0.0011	0.0040	0.0009	0.0040	0.0	0.0016	0.0018	0.0007	0.0001	0.0014
INCHES	0.896	0.724	0.297	1.051	0.258	1.063	0.0	0.429	0.475	0.153	0.015	0.393
STA AV	0.111	0.176	0.155	0.095	0.049	0.153	0.120	0.060	0.052	0.015	0.011	0.044

NOTES: To convert CFS to IN/DAY, multiply by 8.7629. STA AV based on 37 yr period, part-year records included.

1975 SELECTED RUNOFF EVENT						COSHCCOTON, OHIO WATERSHED 129					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF APRIL 30, 1975											
RG 000100			RG 000100								
4-30	0.0	0.0	4-30	1721	0.0	0.0	4-30	1723	0.0	0.0	
				1723	1.8000	0.06		1735	2.470	0.0904	
				1728	3.4800	0.35		1745	1.160	0.2011	
				1733	1.0800	0.44		1758	0.458	0.2652	
				1736	1.8000	0.53		1823	0.108	0.3084	
WATERSHED CONDITIONS: Badly tramped pasture, very sparse growth.				1743	0.3429	0.57		1824	0.050	0.3050	
				1756	0.2308	0.62		1843	0.020	0.3154	
				1841	0.0267	0.64		1913	0.009	0.3180	
								1959	0.002	0.3195	
								2103	0.0	0.3195	
								2121	0.004	0.3202	
								2126	0.012	0.3204	
								2134	0.082	0.3227	
								2145	0.400	0.3389	
								2155	0.588	0.3690	
								2202	0.588	0.3941	
								2206	0.566	0.4082	
								2215	0.543	0.4386	
				2224	0.381	0.4640					
				2225	0.363	0.4662					
				2241	0.172	0.4923					
				2249	0.138	0.4999					
				2254	0.108	0.5036					
				2300	0.118	0.5078					
				2307	0.172	0.5140					
				2311	0.184	0.5183					
				2318	0.184	0.5262					
				2400	0.041	0.5550					

NOTES: To convert runoff in CFS to IN/HR, multiply by 1.52575000.



EVENT CP APRIL 30, 1975  
COSHOCTON, OHIO WATERSHED 129

1975 SELECTED RUNOFF EVENT

COSHOCTON, OHIO WATERSHED 129

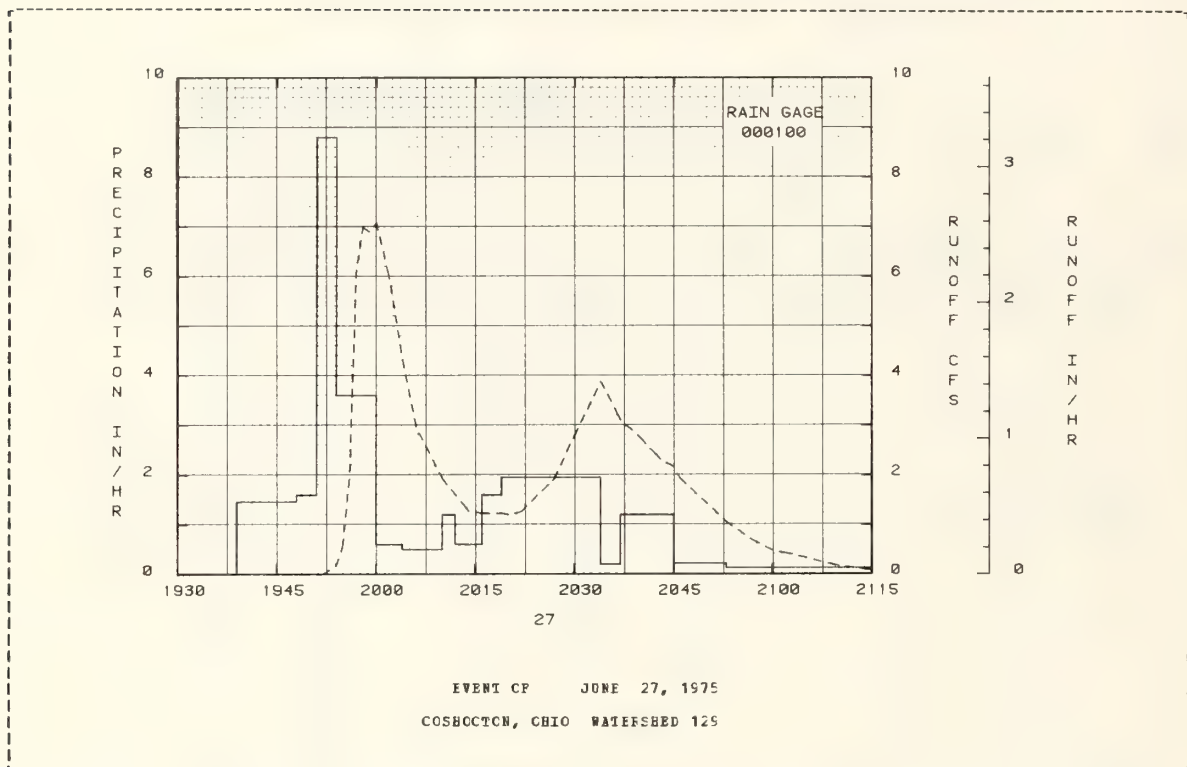
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)
					Acc. (inches)			Acc. (inches)
EVENT CP JUNE 27, 1975								
6-27	EG 000100		6-27	EG 000100		6-27	1944	0.0
	0.0	0.0		1939	0.0		1950	0.002
				1948	1.4667		1952	0.006
				1951	1.5597		1954	0.124
				1954	8.8000		1955	0.566
				2000	3.6000		1956	1.930
				2004	0.6001		1957	6.130
				2010	0.4999		1958	6.980
				2012	1.2003		1959	6.890
				2016	0.5599		2000	7.080
				2019	1.6000		2002	5.950
				2034	1.9600		2004	4.310
				2037	0.1999		2006	2.980
				2045	1.2000		2010	1.930
				2053	0.2250		2014	1.270
				2115	0.1364		2016	1.230
							2019	1.230
							2020	1.200
							2022	1.270
							2027	1.930
							2030	2.800
							2034	3.880
							2037	3.100
							2040	2.750
							2043	2.320
							2045	2.160
							2046	1.930
							2053	1.060
							2057	0.686
							2100	0.475

WATERSHED CONDITIONS:  
Short grass on pasture  
with little cover.

NOTES: To convert runoff in CFS to IN/HR, Multiply by 1.52575000.

1975 SELECTED RUNOFF EVENT						COSHOCTON, OHIO WATERSHED 129				
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 27, 1975 (CONTINUED)										
							6-27	2103	0.400	0.9872
								2110	0.172	0.9994
NOTES: To convert runoff in CFS to IN/HR, Multiply by 1.52575000.										

NOTES: To convert runoff in CFS to IN/HR, Multiply by 1.52575000.





## COSHOCTON, OHIO WATERSHED 135

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Walhonding River, Muskingum River Basin.

AREA: 2.65 acres

SOILS: (Revision) Bayne silt loam - 22 percent; Dekalb channery sandy loam - 22 percent; Coshocton-Bayne silt loams - 22 percent; Keene silt loam - 19 percent; Berks shaly silt loam - 15 percent. Revised classification from Soils of the North Appalachian Experimental Watershed, Misc. Pub. No. 1296, December 1975, Kelley, G.F., Edwards, W.B., Harrold, L.L., and McGuinness, J.L.

MONTHLY PRECIPITATION AND RUNOFF (inches)													COSHOCTON, OHIO WATERSHED 135	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975 P	3.84	3.82	3.71	3.68	3.06	4.58	1.96	5.93	5.80	2.57	1.51	2.74	43.60	
Q	0.006	0.049	0.0	0.0	0.0	0.018	0.0	0.001	0.030	0.0	0.0	0.0	0.104	
STA AV P	2.66	2.41	3.49	3.45	3.79	3.90	4.20	3.00	2.68	2.10	2.46	2.38	36.52	
Q	0.040	0.120	0.108	0.035	0.016	0.098	0.066	0.037	0.037	0.036	0.001	0.010	0.603	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS														
Maximum Discharge Date														
1 Hour														
2 Hours														
6 Hours														
12 Hours														
1 Day														
2 Days														
8 Days														
1975	9-5	0.087	2-23	0.044	2-23	0.049	2-23	0.049	2-23	0.049	2-22	0.049	2-21	0.045
	6-12	2.380	6-12	0.920	9-1	0.940	3-4	1.550	3-4	2.150	3-4	2.510	3-3	3.060
	1957		1957		1950		1963		1963		1963		1963	

MAXIMUMS FOR PERIOD OF RECORD

6-12 2.380 6-12 0.920 9-1 0.940 3-4 1.550 3-4 2.150 3-4 2.510 3-3 3.060 3-3 3.070  
1957 1957 1950 1963 1963 1963 1963 1963

NOTES: Watershed conditions: Cover of unimproved pasture. For map of watershed, see Hydrologic data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.4-5. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.4-1 and 26.30-3. Precipitation data from rain gage 100. Precipitation and runoff records began April 1938. Runoff measurement discontinued Dec. 1969 to March 1974. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)													COSHOCTON, OHIO WATERSHED 135	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.03S	0.0 T	0.0	0.07	0.02	0.0	0.0	0.16	0.0	0.11	0.0		
2	0.0	0.0	0.06SZ	0.24	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.26E	0.0	0.05SZ	0.06	0.06E	0.21	0.0	1.00	0.03E	0.0	0.0	0.0		
4	0.0	0.11S	0.0	0.0	0.0	0.0 T	0.0	0.70	0.0	0.0	0.0	0.0		
5	0.0	0.34	0.0	0.0	0.07	0.38	0.0	0.0 T	1.35	0.0	0.0	0.0		
6	0.04E	0.15S	0.0	0.0	0.25	0.08	0.0	0.0	0.05	0.0	0.0	0.45		
7	0.0	0.0 T	0.65	0.0	0.0	0.0	0.30E	0.0	0.0	0.0	0.06E	0.0		
8	1.03	0.04S	0.0 T	0.0	0.0	0.0	0.13	0.0	0.0	0.38	0.0	0.0		
9	0.04	0.09S	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.13	0.03	0.15		
10	0.10 Z	0.0	0.10S	0.0	0.0	0.0	0.83	0.49	0.0	0.0	0.50	0.0		
11	0.10 Z	0.0	0.0	0.0	0.0	0.81	0.0	0.75	0.91	0.0	0.0	0.0		
12	0.02SZ	0.20E	0.76	0.0	0.26E	0.25	0.0	0.0	0.26	0.0	0.0	0.09		
13	0.02SZ	0.0	0.05	0.0	0.0 T	0.0	0.23	0.0 T	0.0	0.0	0.05E	0.01E		
14	0.0	0.0	0.56E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0		
15	0.02SZ	0.11	0.05E	0.0	0.0	0.29	0.0	1.27	0.0	0.06	0.0	0.64		
16	0.02SZ	0.14	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0		
17	0.0	0.15	0.0	0.0	0.0	0.15	0.17	0.0	0.10	2.02	0.0	0.0		
18	0.20E	0.04	0.14	0.18	0.11E	0.01	0.05	0.0	1.20	0.04	0.0	0.6 T		
19	0.25S	0.0	0.58	0.34	0.0	0.05	0.0	0.0	0.0	0.16	0.0	0.0 T		
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.21	0.0 T	0.31	0.09	0.03	0.05S		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.07	0.04S		
22	0.0	0.15	0.04E	0.11	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	2.12	0.0	0.46	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0		
24	0.0	0.15	0.47	0.31	0.0	0.0	0.0 T	0.0	0.78	0.0	0.01E	0.0		
25	0.39	0.0 T	0.0 T	0.78	0.41	0.01E	0.0	0.0	0.10	0.0	0.02E	0.25		
26	0.02S	0.0	0.0 T	0.0	0.09	0.0 T	0.0	0.0 T	0.0 T	0.0	0.02E	0.46		
27	0.0	0.0 T	0.0	0.0 T	0.04	2.09	0.0	0.0	0.0	0.0	0.12E	0.0		
28	0.51	0.0 T	0.14	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T		
29	0.68	0.06	0.0	0.0	0.47	0.0	0.0	0.72	0.0	0.09	0.12	0.0		
30	0.07SZ	0.0 T	1.09	0.26	0.0	0.0	0.0	0.91	0.0	0.0	0.35	0.31		
31	0.07SZ	0.0	0.0	0.90	0.0	0.0	0.0	0.03	0.0	0.0	0.21E	0.0		
TOTAL	3.84	3.82	3.71	3.68	3.06	4.58	1.96	5.93	5.80	2.57	1.51	2.74		
STA AV	2.66	2.41	3.49	3.45	3.79	3.90	4.20	3.00	2.68	2.10	2.46	2.38		

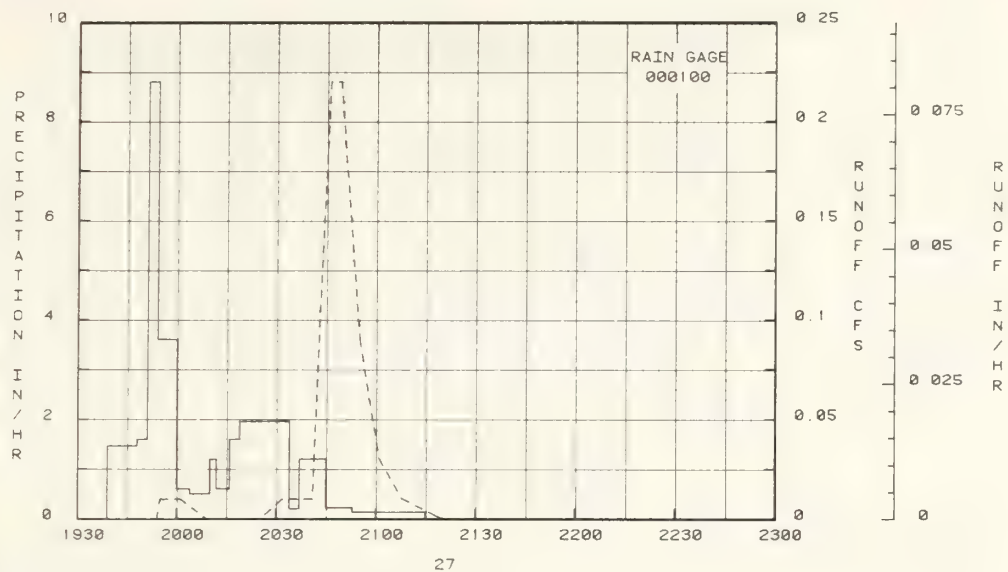
NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 100. STA AV based on 37 yr period, part-year records included (Gage 100 discontinued June 1972 to March 1974). Code 'E' may reflect estimated storm duration rather than estimated rainfall amount. Code 'Z' indicates accurately measured total for series of days has been equally divided among coded days.

1975 MEAN DAILY DISCHARGE (cfs) COSHOCTON, OHIO WATERSHED 135												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0002	0.0	0.0	0.0	0.0001	0.0	0.0	0.0001	0.0	0.0	0.0
INCHES	0.006	0.009	0.0	0.0	0.0	0.018	0.0	0.001	0.030	0.0	0.0	0.0
STA AV	0.040	0.120	0.108	0.035	0.016	0.098	0.066	0.037	0.037	0.036	0.001	0.010

NOTES: To convert CPS to IN/DAY, multiply by 8.8483. STA AV based on 34 yr period, part-year records included.

1975 SELECTED RUNOFF EVENT COSHOCTON, OHIO WATERSHED 135											
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT CP JUNE 27, 1975											
RG 000100			RG 000100								
6-27	0.0	0.0	6-27	1939	0.0	0.0	6-27	1954	0.0	0.0	
				1948	1.4667	0.22		1955	0.009	0.0000	
				1951	1.5557	0.30		2001	0.009	0.0004	
				1954	8.8000	0.74		2009	0.004	0.0007	
				2000	3.6000	1.10		2010	0.002	0.0007	
WATERSHED CONDITIONS: Orchardgrass pasture, heavy growth.				2004	0.6001	1.14		2025	0.002	0.0009	
				2010	0.4999	1.15		2032	0.006	0.0010	
				2012	1.2003	1.23		2034	0.009	0.0011	
				2016	0.5999	1.27		2041	0.009	0.0015	
				2019	1.6000	1.35		2043	0.009	0.0022	
				2034	1.9600	1.84		2046	0.222	0.0051	
				2037	0.1999	1.85		2049	0.222	0.0092	
				2045	1.2000	2.01		2055	0.090	0.0150	
				2053	0.2250	2.04		2101	0.030	0.0172	
				2115	0.1364	2.09		2108	0.006	0.0180	
									2120	0.0	0.0182

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.3686800.



EVENT CP JUNE 27, 1975  
CCSHCCTCN, OHIO WATERSHED 135



COSHOCTON, OHIO WATERSHED 123

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Tuscarawas River, Muskingum River Basin. Lat. 40 deg. 22 min. 23 sec. N.; Long. 81 deg. 47 min. 20 sec. W.

AREA: 1.37 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										COSHOCTON, OHIO WATERSHED 123							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	3.90	3.69	3.66	3.50	3.53	5.07	2.16	6.12	5.95	2.88	1.59	2.77	44.82			
	Q	1.283	1.317	0.446	0.153	0.049	0.347	0.002	0.029	0.690	0.391	0.0	0.260	4.967			
STA AV	P	2.71	2.43	3.49	3.53	3.82	4.11	4.27	3.02	2.72	2.27	2.66	2.51	37.53			
	Q	0.368	0.391	0.447	0.257	0.131	0.250	0.190	0.112	0.060	0.027	0.060	0.164	2.456			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2-23	0.377	2-23	0.282	2-23	0.468	2-23	0.798	2-23	0.904	2-23	1.125	2-22	1.166	2-16	1.317
MAXIMUMS FOR PERIOD OF RECORD																	
		6-12	5.970	6-12	1.370	6-12	1.480	7- 5	2.054	7- 5	2.131	1-21	2.330	1-21	2.330	3- 4	2.660
		1957		1957		1957		1969		1969		1959		1959		1964	

NOTES: Watershed conditions: Cover of meadow. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.10-6. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.10-1 and 26.30-3. Precipitation data from rain gage Y103. Precipitation and runoff records began Jan. 1939. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY AIR TEMPERATURE (degrees F)													COSHOCTON, OHIO WATERSHED 123	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min		
1	38 26	32 25	29 23	55 35	70 50	65 52	86 65	92 72	66 64	67 49	62 44	32 23		
2	35 26	35 24	26 18	70 33	64 44	85 66	92 72	76 60	51 37	68 54	40 23			
3	37 25	34 22	25 18	55 23	66 49	63 55	85 65	88 68	70 54	55 30	71 57	32 24		
4	35 26	33 25	32 20	36 22	56 51	75 53	81 64	76 68	75 60	71 38	69 56	49 24		
5	39 22	36 32	43 21	30 21	65 53	75 66	82 64	81 68	76 58	65 50	73 55	63 39		
6	42 28	35 24	50 38	39 23	62 45	77 54	83 64	68 59	68 54	73 54	74 51	57 32		
7	48 32	23 12	52 32	46 27	64 42	63 50	84 62	73 53	73 52	71 49	63 57	38 27		
8	47 37	26 18	32 15	49 25	71 47	63 49	84 62	79 54	78 57	63 52	67 57	42 27		
9	47 34	20 3	33 11	44 23	72 54	72 48	79 65	84 56	67 50	62 53	73 56	35 33		
10	58 34	22 -4	32 27	52 30	71 50	78 58	74 59	82 65	73 46	70 50	64 42	35 29		
11	58 35	34 22	35 29	48 27	73 49	68 60	70 55	82 64	69 58	63 49	55 33	41 33		
12	35 24	29 24	58 35	43 30	68 53	74 63	75 55	84 64	66 45	66 46	56 36	40 35		
13	23 5	24 12	41 28	49 30	65 50	77 56	78 57	88 69	57 40	78 44	38 32	60 39		
14	19 5	32 10	32 27	51 30	72 45	76 60	73 56	75 66	62 38	62 44	32 24	63 47		
15	27 5	42 24	34 25	42 36	64 54	81 60	77 57	80 63	66 46	79 58	46 23	61 59		
16	30 15	42 36	40 27	56 35	60 49	73 56	82 60	77 68	62 53	58 44	58 34	41 33		
17	30 12	55 36	53 32	65 37	68 49	82 58	82 62	80 66	69 56	48 45	62 40	35 21		
18	41 26	47 34	50 37	70 57	72 61	82 65	80 60	82 64	68 60	54 44	63 40	21 12		
19	38 21	36 26	45 42	70 42	81 57	86 68	86 64	82 63	68 59	50 43	63 41	29 11		
20	20 10	37 24	52 40	44 38	84 60	83 68	80 66	78 60	66 53	55 43	64 40	34 29		
21	34 12	47 25	61 32	52 38	84 66	84 66	84 68	84 63	62 49	72 46	52 32	34 21		
22	36 28	65 36	63 37	59 37	80 62	85 67	85 63	83 70	56 45	74 55	37 28	22 16		
23	39 28	58 46	56 30	67 45	75 63	86 70	86 66	86 66	57 49	75 53	44 22	29 19		
24	46 25	58 32	66 45	63 45	80 63	86 69	84 71	87 70	54 50	76 54	43 27	28 13		
25	47 34	36 27	45 29	49 40	86 64	83 68	78 63	86 70	60 52	62 45	36 20	35 24		
26	34 26	38 30	29 20	54 37	82 63	79 68	80 58	84 68	58 52	55 42	36 25	42 30		
27	34 22	32 23	33 18	52 33	76 61	82 62	82 61	81 63	60 46	64 41	38 30	30 27		
28	42 34	42 24	42 31	46 41	74 54	82 63	83 66	83 63	68 42	61 45	32 24	31 27		
29	65 31		56 35	73 44	72 56	84 65	85 64	81 66	69 46	57 41	52 24	36 26		
30	34 30		35 24	75 51	75 63	84 68	89 65	74 66	71 54	44 29	63 33	43 36		
31	33 30		50 22		75 58		92 72	75 66		45 25		41 32		
AV.	38 25	38 24	43 28	54 35	72 54	77 60	82 63	82 65	66 52	64 45	55 39	39 27		
MEAN	31.7	30.8	35.6	44.2	63.1	68.9	72.4	73.3	59.0	54.5	46.9	33.5		
STA AV	38 22	36 20	50 32	58 40	70 51	76 59	81 62	80 63	71 54	62 44	51 35	39 26		

NOTES: Temperature data based on records at North Appalachian Experimental Watershed. STA AV is for 37 yr (1939-75) record period.

1975	DAILY PRECIPITATION (inches)					CCEHCCTCN, CHIO WATERSHED 123						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.01S	0.0 T	0.0	0.08	0.02E	0.0	0.0	0.19	0.0	0.11	0.0
2	0.0	0.0	0.04SZ	0.25	0.0	0.24E	0.0	0.0	0.0	0.0	0.0	0.0
3	0.29E	0.0	0.05SZ	0.04	0.05E	0.32	0.0	0.98E	0.04E	0.0	0.0	0.0
4	0.0	0.12S	0.0	0.0	0.0	0.0 T	0.0	0.68	0.0	0.0	0.0	0.0
5	0.0	0.30E	0.0	0.0	0.05	0.37	0.0	0.0 T	1.37	0.0	0.0	0.0
6	0.05E	0.13E	0.0	0.0	0.25	0.05E	0.0	0.0	0.06E	0.0	0.0	0.49
7	0.0	0.0 T	0.65	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.06E	0.0
8	1.07	0.02S	0.0 T	0.0	0.0	0.0	0.15	0.0	0.0	0.40	0.0	0.0
9	0.04	0.08S	0.0	0.0	0.0	0.0	0.04E	0.0	0.0	0.13	0.01	0.19
10	0.17	0.0	0.06S	0.0	0.0	0.0	0.88	0.44	0.0	0.0	0.54	0.0
11	0.05	0.0	0.0	0.0	0.0	0.50	0.0	0.73	0.97	0.0	0.0	0.0
12	0.02SZ	0.20E	0.81	0.0	0.28	0.24	0.0	0.0	0.25	0.0	0.0	0.06
13	0.02SZ	0.0	0.05	0.0	0.0 T	0.0	0.24	0.01E	0.0	0.0	0.05E	0.01E
14	0.0	0.0	0.56E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0
15	0.01SZ	0.11E	0.04E	0.0	0.0	0.31	0.0	1.35	0.0	0.08	0.0	0.65
16	0.01SZ	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0
17	0.0	0.14	0.0	0.0	0.0	0.19	0.15	0.0	0.12	1.91	0.0	0.0
18	0.27E	0.05	0.13	0.15	0.11E	0.02	0.05E	0.0	1.25	0.03	0.0	0.0 T
19	0.22S	0.0	0.57	0.35E	0.0	0.06	0.0	0.0	0.0	0.15	0.0	0.0 T
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.18	0.0 T	0.31	0.08	0.02	0.05S
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09E	0.0	0.0	0.09	0.03S
22	0.0	0.11	0.04E	0.05E	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	2.12	0.0	0.45	0.0	0.0	0.0	0.0	0.36	0.0	0.0	0.0
24	0.0	0.15	0.46	0.30	0.0	0.0	0.0 T	0.0	0.75	0.0	0.01E	0.0
25	0.33	0.0 T	0.0 T	0.80	0.61	0.01E	0.0	0.0	0.13	0.0	0.04E	0.29
26	0.01S	0.0	0.01S	0.0	0.09	0.0 T	0.0	0.0 T	0.0 T	0.0	0.04E	0.48
27	0.0	0.0 T	0.0	0.0 T	0.06	2.50	0.0	0.0	0.0	0.0	0.14E	0.0
28	0.50	0.0 T	0.12	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T
29	0.65	0.0	0.07	0.0	0.55	0.0	0.0	0.84	0.0	0.10	0.12	0.0
30	0.03S	0.0	0.0 T	0.96	0.41	0.0	0.0	0.91	0.0	0.0	0.34	0.31
31	0.14S	0.0	0.0	0.0	0.93	0.0	0.0	0.09	0.0	0.0	0.0	0.21E
TOTAL	3.90	3.69	3.66	3.50	3.53	5.07	2.16	6.12	5.95	2.88	1.59	2.77
STA AV	2.71	2.43	3.49	3.53	3.82	4.11	4.27	3.02	2.72	2.27	2.66	2.51

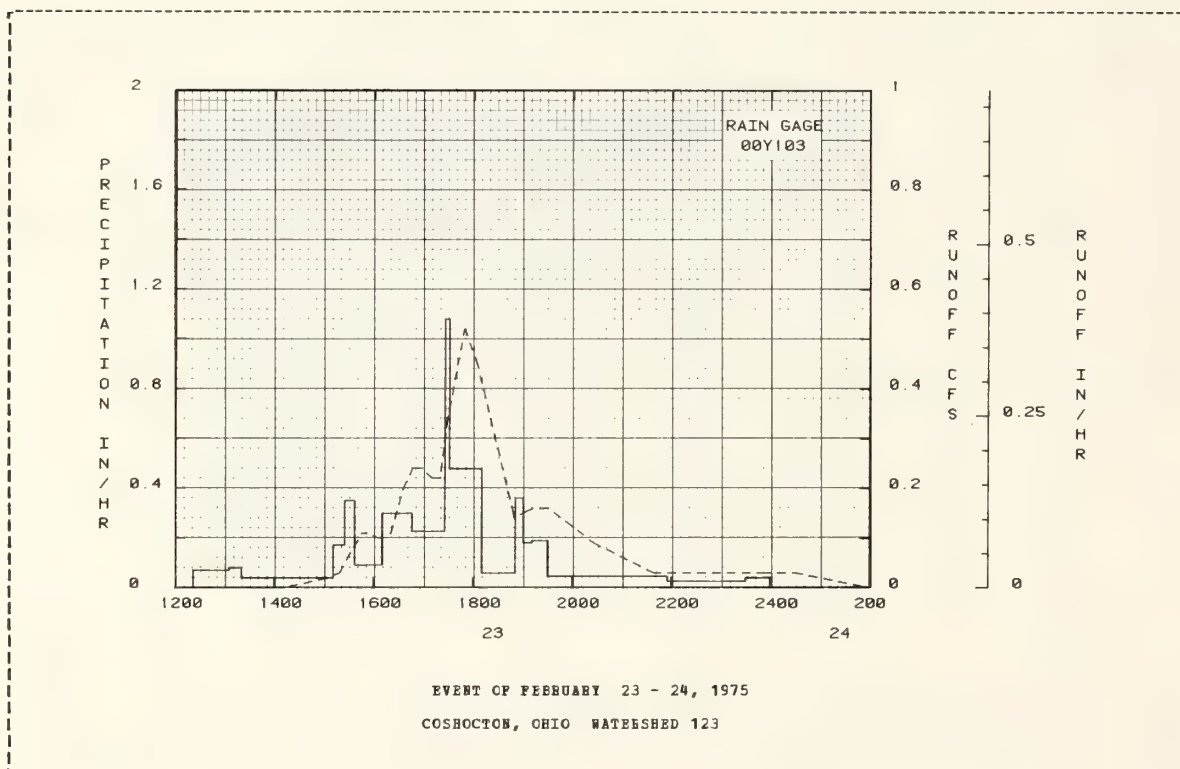
NOTES: Precipitation amounts are for rain gage Y103. STA AV Based on 37 yr period. Codes 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

1975	MEAN DAILY DISCHARGE (cfs)					CCEHCCTCN, CHIO WATERSHED 123						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T
7	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.004
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.022E	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.016	0.0	0.0	0.0
19	0.0	0.0	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.063	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0
24	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.022	0.0	0.0	0.0
25	0.009	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.007
27	0.0	0.0	0.0	0.0	0.0	0.020E	0.0	0.0	0.0	0.0	0.0	0.0
28	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.004
31	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0024	0.0027	0.0008	0.0003	0.0001	0.0007	0.0	0.0001	0.0013	0.0007	0.0	0.0005
INCHES	1.283	1.317	0.446	0.153	0.049	0.347	0.002	0.029	0.690	0.391	0.0	0.260
STA AV	0.36E	0.391	0.447	0.257	0.131	0.250	0.190	0.112	0.060	0.027	0.060	0.164

NOTES: To convert CFS to IN/DAY, multiply by 17.3735. STA AV based on 37 yr period.

1975 SELECTED RUNOFF EVENT			COSHOCTON, OHIO WATERSHED 123							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF FEBRUARY 23 - 24, 1975										
2-23	RG 00Y103 0.70	0.217	2-23	EG 00Y103 1222	0.0	0.0	2-23	1330	0.0	0.0
				1305	0.0698	0.05		1353	0.004	0.0005
				1320	0.0800	0.07		1410	0.004	0.0014
				1511	0.0378	0.14		1505	0.016	0.0080
				1525	0.1714	0.18		1519	0.030	0.0119
WATERSHED CONDITIONS: Newly seeded field of alfalfa and orchardgrass.				1537	0.3500	0.25		1532	0.067	0.0155
				1610	0.0509	0.30		1546	0.108	0.0343
				1646	0.3000	0.48		1552	0.108	0.0421
				1726	0.2250	0.63		1605	0.099	0.0583
				1731	1.0800	0.72		1612	0.059	0.0667
				1810	0.4769	1.03		1621	0.108	0.0779
				1851	0.0585	1.07		1636	0.196	0.1054
				1901	0.3600	1.13		1647	0.236	0.1341
				1911	0.1800	1.16		1658	0.236	0.1654
				1930	0.1895	1.22		1710	0.222	0.1986
				2155	0.0455	1.33		1720	0.222	0.2254
				2330	0.0253	1.37		1728	0.328	0.2515
				2400	0.0400	1.35		1749	0.521	0.3594
								1806	0.458	0.4578
								1850	0.138	0.6107
								1912	0.160	0.6502
								1931	0.160	0.6869
								2026	0.050	0.7699
								2138	0.030	0.8220
								2400	0.030	0.8734
							2-24	30	0.030	0.6842

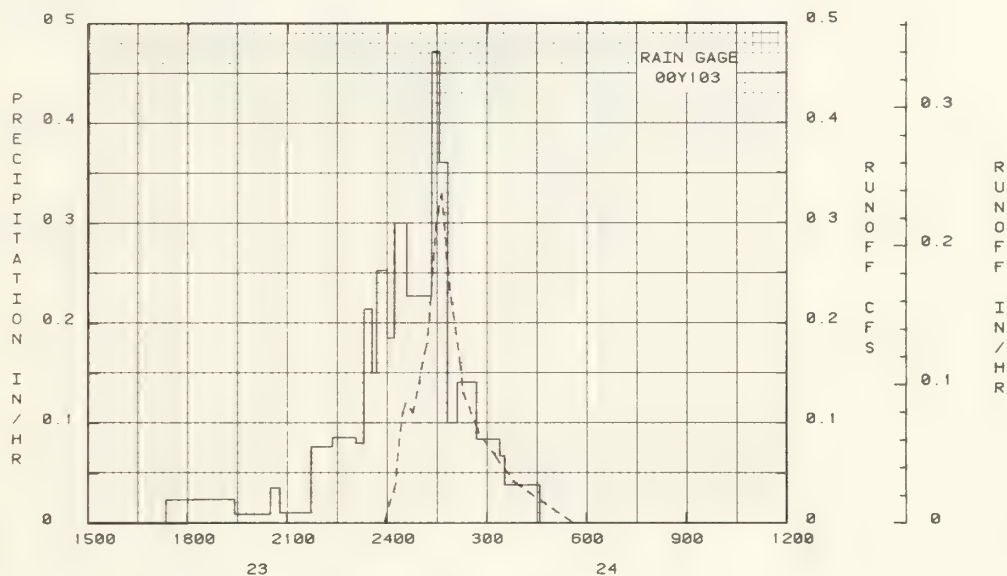
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.72389000.





1975 SELECTED RUNOFF EVENT			CCSRCCCTN, CHIO WATERSHED 123							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 23 - 24, 1975										
FG 00Y103			FG 00Y103							
9-23	0.0	0.0	9-23	1721	0.0	0.0	9-23	2336	0.0	0.0
				1811	0.0240	0.02		2352	0.0	0.0
				1925	0.0243	0.05		2356	0.002	0.0001
				2030	0.0092	0.06		2400	0.006	0.0002
				2047	0.0353	0.07	9-24	16	0.035	0.0042
WATERSHED CONDITIONS: New stand of alfalfa and orchardgrass.				2143	0.0107	0.08		20	0.074	0.0068
				2222	0.0769	0.13		28	0.108	0.0156
				2304	0.0857	0.15		34	0.118	0.0238
				2319	0.0800	0.21		47	0.108	0.0415
				2333	0.2143	0.26		108	0.172	0.0770
				2341	0.1495	0.28		112	0.184	0.0856
				2400	0.2526	0.36		118	0.209	0.0998
			9-24	13	0.1847	0.40		128	0.296	0.1302
				35	0.3000	0.51		132	0.312	0.1449
				120	0.2267	0.68		138	0.328	0.1681
				134	0.4714	0.75		152	0.236	0.2157
				149	0.3600	0.68		212	0.160	0.2635
				207	0.1000	0.91		218	0.128	0.2739
				241	0.1412	0.55		246	0.090	0.3107
				324	0.0837	1.05		324	0.060	0.3451
				333	0.0666	1.06		352	0.041	0.3622
				436	0.0381	1.10		536	0.0	0.3875
								600	0.0	0.3879

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.72385000.



EVENT OF SEPTEMBER 23 - 24, 1975  
CCSRCCCTN, CHIO WATERSHED 123

COSHOCTON, OHIO WATERSHED 109

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Tuscarawas River, Muskingum River Basin. Lat. 40 deg. 22 min. 11 sec. N.; Long. 81 deg. 47 min. 39 sec. W.

AREA: 1.69 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														COSHOCTON, OHIO WATERSHED 109	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	3.70	3.39	3.30	3.57	3.04	4.59	1.96	5.97	5.53	2.49	1.51	2.65	41.70	
	Q	0.007	0.054	0.0	0.0	0.000	0.538	0.070	0.110	0.098	0.0	0.0	0.059	0.917	
STA AV	P	2.61	2.28	3.41	3.46	3.81	4.08	4.28	2.95	2.73	2.21	2.58	2.39	36.79	
	Q	0.061	0.171	0.110	0.046	0.086	0.254	0.269	0.146	0.044	0.010	0.001	0.017	1.214	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		1 Day		2 Days		6 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-27	1.784	6-27	0.533	6-27	0.538	6-27	0.538	6-27	0.538	6-26	0.538	6-25	0.538
MAXIMUMS FOR PERIOD OF RECORD															
		5-17	4.340	6-29	0.820	6-28	1.090	7-5	1.416	3-4	1.920	3-4	2.170	3-3	2.550
		1941		1941		1940		1969		1963		1963		1963	

NOTES: Watershed conditions: Cover of meadow. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.13-4. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.13-1 and 26.30-3. Precipitation data from rain gage Y102. Precipitation and runoff records began Nov. 1938. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														COSHOCTON, OHIO WATERSHED 109	
	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
	1	0.0	0.01S	0.0 T	0.0	0.09	0.02E	0.0	0.0	0.18	0.0	0.12	0.0		
	2	0.0	0.0	0.05SZ	0.25	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0		
	3	0.30M	0.0	0.05SZ	0.07	0.06E	0.22	0.0	0.94E	0.02E	0.0	0.0	0.0		
	4	0.0	0.07S	0.0	0.0	0.0	0.0 1	0.0	0.68	0.0	0.0	0.0	0.0		
	5	0.0	0.29E	0.0	0.0	0.06	0.41	0.0	0.0 T	1.30	0.0	0.0	0.0		
	6	0.04M	0.13M	0.0	0.0	0.25	0.11E	0.0	0.0	0.06	0.0	0.0	0.45		
	7	0.0	0.0 T	0.59	0.0	0.0	0.0	0.32E	0.0	0.0	0.0	0.07E	0.0		
	8	1.05	0.02S	0.0 T	0.0	0.0	0.0	0.12	0.0	0.0	0.35	0.0	0.0		
	9	0.05	0.05S	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.12	0.02	0.19		
	10	0.15	0.0	0.03S	0.0	0.0	0.0	0.80	0.49	0.0	0.0	0.52	0.0		
	11	0.05	0.0	0.0	0.0	0.0	0.75	0.0	0.72E	0.97	0.0	0.0	0.0		
	12	0.02SZ	0.10M	0.78	0.0	0.23	0.25	0.0	0.0	0.22	0.0	0.0	0.07E		
	13	0.03SZ	0.0	0.05	0.0	0.0 T	0.0	0.29	0.01E	0.0	0.0	0.05M	0.01E		
	14	0.0	0.0	0.38M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01M	0.0		
	15	0.01SZ	0.10E	0.02E	0.0	0.0	0.33	0.0	1.30	0.0	0.06	0.0	0.65E		
	16	0.01SZ	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0		
	17	0.0	0.11	0.0	0.0	0.0	0.15	0.15	0.0	0.09	1.55	0.0	0.0		
	18	0.19M	0.05	0.09E	0.19	0.10E	0.02	0.04E	0.0	1.15	0.03	0.0	0.0 T		
	19	0.17S	0.0	0.56	0.35E	0.0	0.05	0.0	0.0	0.0	0.18	0.0	0.0 T		
	20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.20	0.0 T	0.32	0.09	0.01	0.05S		
	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.10	0.03S		
	22	0.0	0.12	0.04E	0.10	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	23	0.0	2.06	0.0	0.46	0.0	0.0	0.0	0.0	0.32	0.0	0.0	0.0		
	24	0.0	0.13	0.45	0.30	0.0	0.0	0.0 T	0.0	0.64	0.0	0.01M	0.0		
	25	0.34	0.0 T	0.0 T	0.70	0.24 Z	0.01E	0.0	0.0	0.11	0.0	0.02M	0.27		
	26	0.01S	0.0	0.01S	0.0	0.23 Z	0.0 T	0.0	0.0 T	0.0 T	0.0	0.01M	0.46		
	27	0.0	0.0 T	0.0	0.0 T	0.04	2.00	0.0	0.0	0.0	0.0	0.11M	0.0		
	28	0.46	0.0 T	0.13	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T		
	29	0.67		0.07	0.0	0.50	0.0	0.0	0.75	0.0	0.11	0.13	0.0		
	30	0.03S		0.0 T	1.04	0.30	0.0	0.0	0.91	0.0	0.0	0.33	0.31		
	31	0.12S		0.0		0.85E		0.0	0.06		0.0		0.16E		
TOTAL		3.70	3.35	3.30	3.57	3.04	4.59	1.96	5.97	5.53	2.49	1.51	2.65		
STA AV		2.61	2.28	3.41	3.46	3.81	4.08	4.28	2.95	2.73	2.21	2.58	2.39		

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage Y102. STA AV based on 38 yr period, part-year records included. Codes 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates that an accurately measured total for a series of days has been divided equally among coded days.

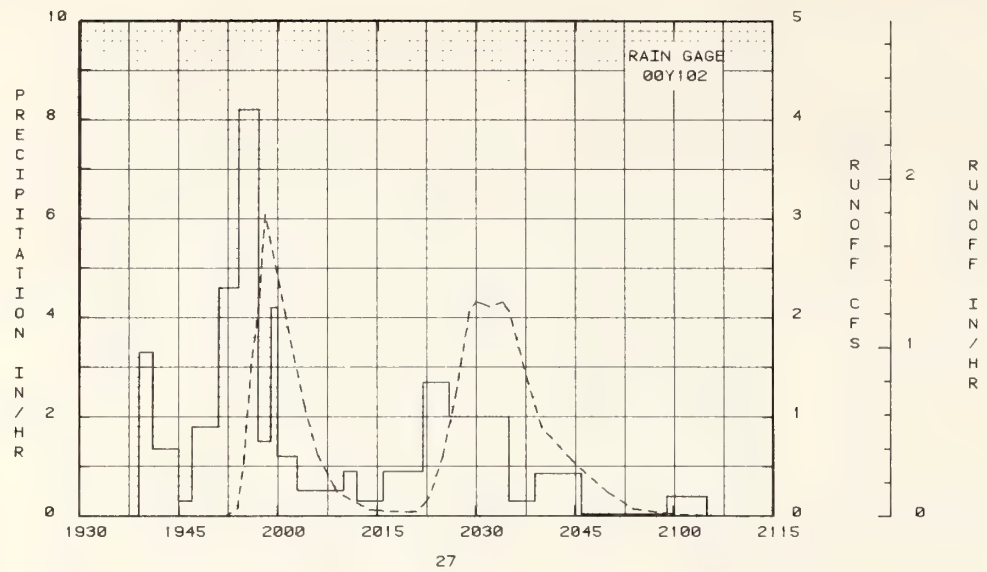
1975 MEAN DAILY DISCHARGE (cfs) CCHSCCTCN, CHIC WATERSHED 109												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003
27	0.0	0.0	0.0	0.0	0.0	0.038	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0001	0.0	0.0	0.0	0.0012	0.0002	0.0003	0.0002	0.0	0.0	0.0001
INCHES	0.007	0.054	0.0	0.0	0.000	0.538	0.070	0.110	0.058	0.0	0.0	0.035
STA AV	0.061	0.171	0.110	0.046	0.086	0.254	0.265	0.146	0.044	0.010	0.001	0.017

NOTES: To convert CFS to IN/DAY, multiply by 14.0838. STA AV based on 36 yr period, part-year records included.

1975 SELECTED RUNOFF EVENT						COSHCCICN, CHIC WATERSHED 109					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT CP JUNE 27, 1975											
EG 00Y102											
6-27	0.0	0.0	6-27	1939	0.0	0.0	6-27	1952	0.0	0.0	
				1941	3.3000	0.11		1954	0.077	0.0007	
				1945	1.3499	0.20		1955	0.621	0.0042	
				1947	0.3003	0.21		1956	1.530	0.0147	
				1951	1.7999	0.33		1957	2.060	0.0322	
WATERSHED CONDITIONS:											
Newly seeded stand of											
orchardgrass and alfalfa.											
				1954	4.5599	0.56		1958	3.040	0.0572	
				1957	8.2001	0.97		2001	2.060	0.1320	
				1959	1.5001	1.02		2004	1.120	0.1786	
				2000	4.1572	1.09		2006	0.621	0.1557	
				2003	1.2003	1.15		2009	0.235	0.2062	
				2010	0.5143	1.21		2014	0.061	0.2155	
				2012	0.9000	1.24		2016	0.047	0.2165	
				2016	0.3001	1.26		2021	0.041	0.2187	
				2022	0.9000	1.35		2023	0.193	0.2210	
				2026	2.6599	1.53		2025	0.556	0.2287	
				2035	2.0000	1.83		2027	1.220	0.2465	
				2039	0.3001	1.85		2029	2.060	0.2785	
				2046	0.8571	1.95		2030	2.160	0.2952	
				2059	0.0462	1.96		2032	2.110	0.3409	
				2105	0.3599	2.00		2034	2.160	0.3627	
								2035	2.060	0.4033	
								2038	1.330	0.4531	
								2040	0.852	0.4748	
								2045	0.527	0.5055	
								2050	0.235	0.5281	
								2054	0.063	0.5341	
								2100	0.023	0.5368	
								2108	0.004	0.5378	
								2115	0.001	0.5380	
								2129	0.0	0.5381	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.56683000.





EVENT OF JUNE 27, 1975  
COSHOCTON, OHIO WATERSHED 105

COSHOCTON, OHIO WATERSHED 110

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Walbonding River, Muskingum River Basin.

AREA: 1.27 acres

SOILS: (Revision) Bayne silt loam - 54 percent; Keene silt loam - 46 percent. Revised classification from Soils of the North Appalachian Experimental Watershed, Misc. Pub. No. 1296, December 1975, Kelley, G.E., Edwards, W.B., Harrold, L.L. and McGuinness, J.L.

MONTHLY PRECIPITATION AND RUNOFF (inches)														COSHOCTON, Ohio		WATERSHED 110	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	7.99	3.64	3.44	5.76	3.43	4.76	1.78	6.13	5.74	2.65	1.59	2.75	43.66			
	Q	0.128	0.343	0.010	0.041	0.009	0.476	0.004	0.008	0.295	0.109	0.0	0.058	1.481			
STA AV	P	2.60	2.21	3.29	3.34	2.62	3.88	4.11	2.86	2.70	2.13	2.51	2.35	35.64			
	Q	0.220	0.226	0.353	0.134	0.107	0.322	0.278	0.097	0.132	0.029	0.017	0.082	2.000			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-27	1.234	6-27	0.430	6-27	0.461	6-27	0.462	6-27	0.462	6-26	0.462	6-25	0.462	6-19	0.462
MAXIMUMS FOR PERIOD OF RECORD																	
		7-28	4.440	9- 1	2.240	9- 1	3.160	9- 1	3.190	9- 1	3.190	9- 1	3.200	3- 3	4.120	3- 1	5.050
		1950		1950		1950		1950		1950		1950		1963		1963	

NOTES: Watershed conditions: Cover of pasture, prevailing practice. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.14-5. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.15-1 and 26.30-3. Precipitation data from rain gage 107. Precipitation and runoff records began Apr. 1939. Runoff measurements discontinued March 1970 to March 1974. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975	DAILY PRECIPITATION (inches)												COSHOCTON, OHIO WATERSHED 110	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.02S	0.0 T	0.0	0.08	0.02	0.0	0.0	0.15	0.0	0.10	0.0		
2	0.0	0.0	0.04SZ	0.32	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.25M	0.0	0.05SZ	0.07	0.06E	0.21	0.0	0.93	0.03E	0.0	0.0	0.0		
4	0.0	0.06S	0.0	0.0	0.0	0.0 T	0.0	0.35	0.0	0.0	0.0	0.0		
5	0.0	0.31	0.0	0.0	0.04	0.38	0.0	0.0 T	1.40	0.0	0.0	0.0		
6	0.04M	0.13S	0.0	0.0	0.28	0.14	0.0	0.0	0.06	0.0	0.0	0.47		
7	0.0	0.0 T	0.62	0.0	0.0	0.0	0.21E	0.0	0.0	0.0	0.09E	0.0		
8	1.08	0.03S	0.0 T	0.0	0.0	0.0	0.05	0.0	0.0	0.38	0.0	0.0		
9	0.05	0.08S	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.13	0.03	0.20		
10	0.11 Z	0.0	0.03E	0.0	0.0	0.0	0.82	0.54	0.0	0.0	0.54	0.0		
11	0.11 Z	0.0	0.0	0.0	0.0	0.87	0.0	0.82	0.95	0.0	0.0	0.0		
12	0.02SZ	0.21M	0.75E	0.0	0.26E	0.19	0.0	0.0	0.26	0.0	0.0	0.08		
13	0.02SZ	0.0	0.06	0.0	0.0 T	0.0	0.23	0.02E	0.0	0.0	0.05M	0.01E		
14	0.0	0.0	0.45M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02M	0.0		
15	0.02SZ	0.11	0.04E	0.0	0.0	0.34	0.0	1.28	0.0	0.06	0.0	0.69		
16	0.03SZ	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0		
17	0.0	0.14	0.0	0.0	0.0	0.20	0.15	0.0	0.11	1.70	0.0	0.0		
18	0.25M	0.05	0.12E	0.17	0.14E	0.01	0.04	0.0	1.21	0.04	0.0	0.0 T		
19	0.23S	0.0	0.58	0.35	0.0	0.05	0.0	0.0	0.0	0.15	0.0	0.0 T		
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.22	0.01	0.28	0.08	0.02	0.05S		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.07	0.03S		
22	0.0	0.14	0.03E	0.11E	0.06E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	2.07	0.0	0.48	0.0	0.0	0.0	0.0	0.36	0.0	0.0	0.0		
24	0.0	0.15	0.49E	0.30	0.0	0.0	0.0 T	0.0	0.70	0.0	0.01M	0.0		
25	0.35	0.0 T	0.0 T	0.76	0.40	0.01E	0.0	0.0	0.08	0.0	0.03M	0.30		
26	0.01S	0.0	0.0 T	0.0	0.13	0.0 T	0.0	0.0 T	0.0 T	0.0	0.03M	0.42		
27	0.0	0.0 T	0.0	0.0 T	0.0 T	2.11	0.0	0.0	0.0	0.0	0.14M	0.0		
28	0.59	0.0 T	0.11	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T		
29	0.67		0.07	0.0	0.58	0.0	0.0	0.99	0.0	0.11	0.12	0.0		
30	0.08SZ		0.0 T	1.07	0.47	0.0	0.0	1.02	0.0	0.0	0.34	0.32		
31	0.08SZ		0.0		0.93		0.0	0.08		0.0		0.18E		
TOTAL	3.99	3.64	3.44	3.76	3.43	4.76	1.78	6.13	5.74	2.65	1.59	2.75		
STA AV	2.60	2.21	3.29	3.34	3.63	3.88	4.11	2.86	2.70	2.13	2.51	2.35		

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 107. STA AV based on 37 yr period, part-year records included. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

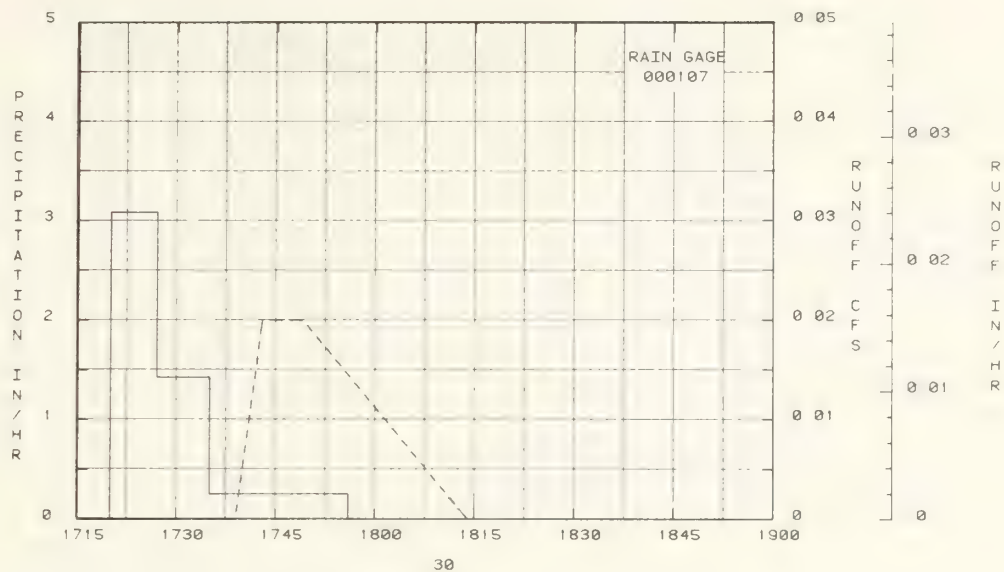
1975 MEAN DAILY DISCHARGE (cfs) CASSICOCTON, OHIO WATERSHED 110												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0
19	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.009	0.0	0.0	0.0
25	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002
27	0.0	0.0	0.0	0.0	0.0	0.025	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0002	0.0007	0.0	0.0001	0.0	0.0008	0.0	0.0	0.0005	0.0002	0.0	0.0001
INCHES	0.128	0.343	0.010	0.041	0.009	0.476	0.004	0.008	0.295	0.109	0.0	0.056
STA AV	0.220	0.228	0.353	0.134	0.107	0.322	0.278	0.097	0.132	0.029	0.017	0.082

NOTES: To convert CFS to IN/DAY, multiply by 18.7415. STA AV based on 33 yr period, part-year records included.

1975 SELECTED RUNOFF EVENT CASSICOCTON, OHIO WATERSHED 110											
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF APRIL 30, 1975											
RG 000107											
4-30	0.0	0.0	4-30	1720	0.0	0.0	4-30	1733	0.0	0.0	
				1727	3.0857	0.36		1734	0.002	0.0000	
				1735	1.4250	0.55		1739	0.002	0.0001	
				1756	0.2571	0.64		1743	0.020	0.0007	
				2017	0.0043	0.65		1746	0.025	0.0016	
WATERSHED CONDITIONS:											
20-30" growth of heavy orchardgrass.											
				2102	0.0133	0.66		1749	0.025	0.0026	
				2210	0.2824	0.98		1814	0.002	0.0070	
				2258	0.0125	0.55		1821	0.0	0.0071	
				2306	0.5250	1.06		2009	0.0	0.0071	
				2400	0.0111	1.07		2112	0.0	0.0071	
								2152	0.0	0.0071	
								2157	0.006	0.0072	
								2208	0.020	0.0091	
								2235	0.020	0.0161	
								2250	0.002	0.0183	
								2320	0.0	0.0187	
								2327	0.002	0.0188	
								2400	0.0	0.0192	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.78090000.

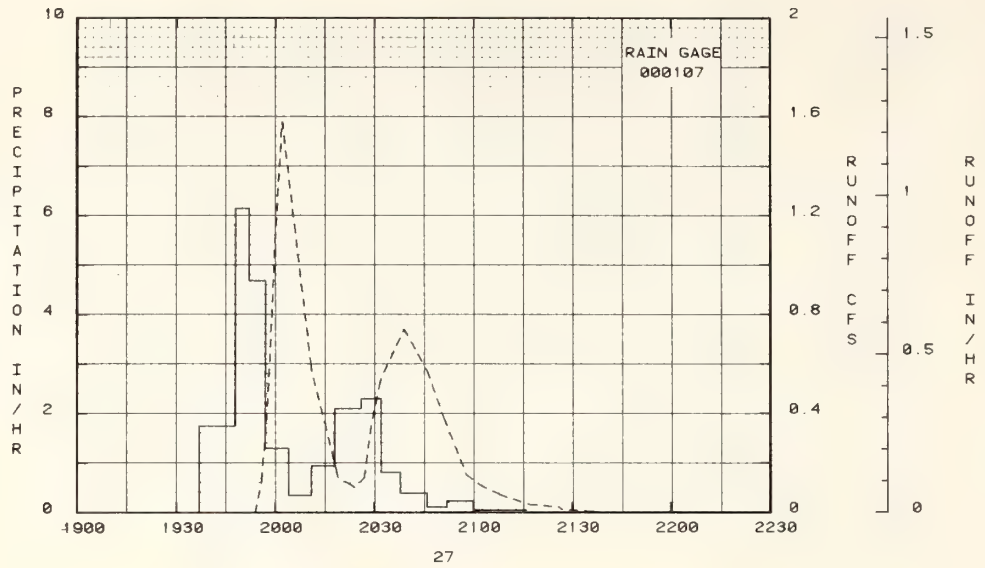




EVENT CF APRIL 30, 1975  
CCHCCTON, OHIO WATERSHED 110

1975 SELECTED RUNOFF EVENT			CCHCCTON, OHIO WATERSHED 110							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Fainfall	Funcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CF JUNE 27, 1975										
6-27	BG 000107		6-27	BG 000107			6-27	1954	0.0	0.0
	0.0	0.0		1937	0.0	0.0		1956	0.128	0.0017
				1948	1.7454	0.32		1958	0.521	0.0101
				1952	6.1501	0.73		2000	1.130	0.0316
				1957	4.6800	1.12		2002	1.580	0.0669
				2004	1.2858	1.27				
WATERSHED CONDITIONS: Orchardgrass pasture heavily grazed.				2011	0.3428	1.31		2006	1.130	0.1374
				2018	0.9429	1.42		2011	0.566	0.1926
				2026	2.1000	1.70		2015	0.363	0.2168
				2032	2.3000	1.93		2019	0.138	0.2296
				2038	0.8000	2.01		2024	0.095	0.2375
				2046	0.3750	2.06		2027	0.138	0.2422
				2052	0.0999	2.07		2029	0.346	0.2485
				2100	0.2251	2.10		2032	0.543	0.2658
				2116	0.0375	2.11		2039	0.758	0.3242
								2046	0.566	0.3836
								2052	0.346	0.4192
								2058	0.149	0.4385
								2102	0.108	0.4452
								2108	0.074	0.4523
								2117	0.030	0.4584
								2126	0.016	0.4611
								2127	0.006	0.4612
								2138	0.0	0.4617

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.78090000.



EVENT OF JUNE 27, 1975  
CCSRCCTCN, OHIO WATERSHED 110

COSHOCTON, OHIO WATERSHED 121

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Walhonding River, Muskingum River Basin.

AREA: 1.42 acres

SOILS: (Revision) Berks shaly silt loam - 79 percent; Bayne silt loam - 14 percent; Clarksburg silt loam - 7 percent. Revised classification from Soils of the North Appalachian Experimental Watershed, Misc. Pub. No. 1296, December 1975, Kelley, G.E., Edwards, W.M., Harrold, L.L. and McGuinness, J.L.

MONTHLY PRECIPITATION AND RUNOFF (inches)										COSHOCTON, OHIO WATERSHED 121									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	3.82	3.29	3.15	3.77	3.44	4.35	1.92	6.21	5.50	2.43	1.45	2.50	41.93					
	Q	0.848	1.335	0.612	0.151	0.055	0.212	0.001	0.306	0.066	0.035	0.003	0.315	3.619					
STA AV	P	2.59	2.14	3.19	3.26	3.67	3.92	4.21	2.88	2.74	2.14	2.47	2.30	35.50					
	Q	0.216	0.227	0.330	0.171	0.062	0.205	0.206	0.113	0.073	0.018	0.011	0.043	1.677					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-27	0.613	6-27	0.202	6-27	0.212	2-23	0.304	2-23	0.395	2-23	0.599	2-23	0.788	2-23	1.218		
MAXIMUMS FOR PERIOD OF RECORD																			
		8-23	7.820	9- 1	1.320	9- 1	1.390	9- 1	1.390	9- 1	1.390	9- 1	1.390	3- 3	1.660	3- 1	1.870		
		1944		1950		1950		1950		1950		1950		1950		1963		1963	

NOTES: Watershed conditions: Cover of meadow and pasture, improved practice. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.20-5. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.19-1 and 26.30-3. Precipitation data from rain gage 113. Precipitation records began Apr. 1939. Runoff measurements discontinued March 1970 to April 1972 and Nov. 1972 to April 1974. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														COSHOCTON, OHIO WATERSHED 121													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.0	0.03S	0.0 T	0.0	0.06	0.04	0.0	0.0	0.15	0.0	0.11	0.0															
2	0.0	0.0	0.03SZ	0.32	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.0															
3	0.32M	0.0	0.04SZ	0.07	0.05E	0.13	0.0	0.85	0.03E	0.0	0.0	0.0															
4	0.0	0.06S	0.0	0.0	0.0	0.0 T	0.0	0.17	0.0	0.0	0.0	0.0															
5	0.0	0.29	0.0	0.0	0.07	0.38	0.0	0.0 T	1.41	0.0	0.0	0.0															
6	0.04M	0.14S	0.0	0.0	0.23	0.10E	0.0	0.0	0.04	0.0	0.0	0.42															
7	0.0	0.0 T	0.53	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.06E	0.0															
8	1.05	0.02S	0.0 T	0.0	0.0	0.0	0.01E	0.0	0.0	0.32	0.0	0.0															
9	0.06	0.05S	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.13	0.01	0.17															
10	0.08 Z	0.0	0.06S	0.0	0.0	0.0	0.98	0.70	0.0	0.0	0.54	0.0															
11	0.09 Z	0.0	0.0	0.0	0.0	0.83	0.0	0.81	0.96	0.0	0.0	0.0															
12	0.01SZ	0.12M	0.74	0.0	0.34	0.14	0.0	0.0	0.23	0.0	0.0	0.07															
13	0.01SZ	0.0	0.04	0.0	0.0 T	0.0	0.24	0.01E	0.0	0.0	0.04M	0.01E															
14	0.0	0.0	0.36M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01M	0.0															
15	0.02SZ	0.12	0.02E	0.0	0.0	0.33	0.0	1.14	0.0	0.06	0.0	0.62															
16	0.03SZ	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0															
17	0.0	0.11	0.0	0.0	0.0	0.19	0.16	0.0	0.10	1.53	0.0	0.0															
18	0.28M	0.05	0.11	0.18	0.17E	0.01	0.05	0.0	1.14	0.06	0.0	0.0 T															
19	0.19S	0.0	0.54	0.39	0.0	0.07	0.0	0.0	0.0	0.15	0.0	0.0 T															
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.26	0.0 T	0.22E	0.09	0.03	0.05S															
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.04	0.02S															
22	0.0	0.14	0.03E	0.12	0.05E	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
23	0.0	2.02	0.0	0.49	0.0	0.0	0.0	0.0	0.36 Z	0.0	0.0	0.0															
24	0.0	0.11	0.49	0.30	0.0	0.0	0.0 T	0.0	0.35 Z	0.0	0.01M	0.0															
25	0.34	0.0 T	0.0 T	0.80	0.33	0.01E	0.0	0.0	0.36 Z	0.0	0.02M	0.26															
26	0.01S	0.0	0.0 T	0.0	0.13	0.0 T	0.0	0.0 T	0.0 T	0.0	0.01M	0.42															
27	0.0	0.0 T	0.0	0.0 T	0.0 T	1.91	0.0	0.0	0.0	0.0	0.10M	0.0															
28	0.60	0.0 T	0.10	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T															
29	0.56		0.06	0.0	0.64	0.0	0.0	1.13	0.0	0.09	0.13	0.0															
30	0.06SZ		0.0 T	0.99	0.47	0.0	0.0	1.22	0.0	0.0	0.34	0.30															
31	0.07SZ		0.0		0.90	0.0	0.0	0.08		0.0		0.16															
TOTAL	3.82	3.39	3.15	3.77	3.44	4.35	1.92	6.21	5.50	2.43	1.45	2.50															
STA AV	2.59	2.14	3.19	3.26	3.67	3.92	4.21	2.88	2.74	2.14	2.47	2.30															

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 113. STA AV based on 37 yr period, part-year records included. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days. Code 'E' may reflect estimated storm duration rather than estimated rainfall amounts.

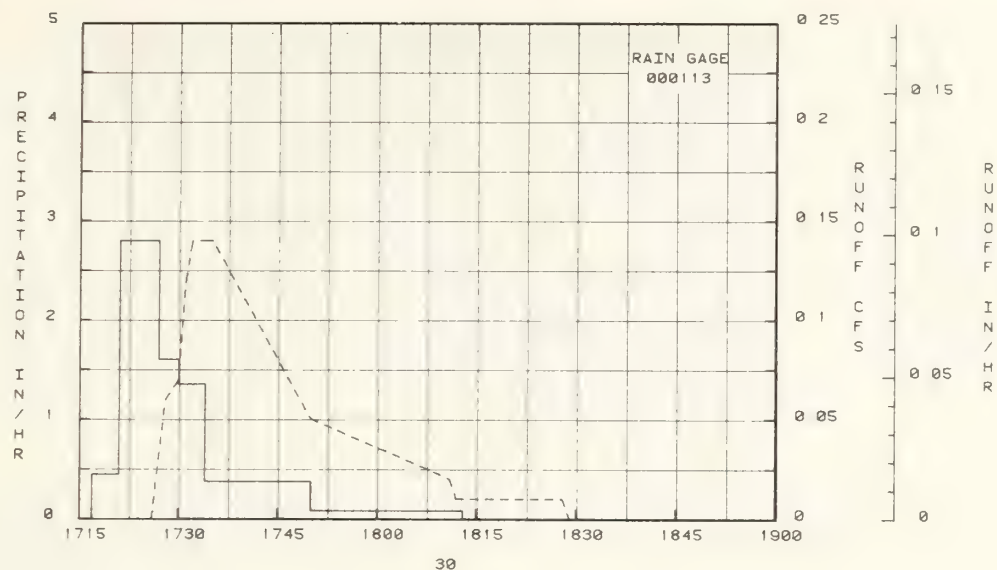


1975 MEAN DAILY DISCHARGE (cfs) CCHCCION, OHIO WATERSHED 121												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.002	0.002	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.002	0.001	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.001	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
6	0.0	0.002	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.004	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0
11	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0
12	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.003	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.004	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001
16	0.002	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0
18	0.002	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0
19	0.002	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.020	0.002	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0
25	0.002	0.009	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0 T	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.018
27	0.0	0.005	0.0	0.0	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0
28	0.002	0.004	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.011	0.003	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0
30	0.003	0.0	0.005	0.0 T	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0 T	0.0 T
31	0.002	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0016	0.0028	0.0012	0.0063	0.0001	0.0004	0.0	0.0	0.0001	0.0001	0.0	0.0006
INCHES	0.848	1.335	0.612	0.151	0.035	0.212	0.001	0.006	0.066	0.035	0.003	0.315
STA AV	0.218	0.227	0.330	0.171	0.062	0.205	0.206	0.113	0.073	0.018	0.011	0.043

NOTES: To convert CFS to IN/DAY, multiply by 16.7617. STA AV based on 35 yr period, part-year records included.

1975			SELECTED RUNOFF EVENT				CCESECTION, OHIO				WATERSHED 121	
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF APRIL 30, 1975												
RG 000113			RG 000113									
4-30	0.0	0.0	4-30	1717	0.0	0.0	4-30	1723	0.0	0.0		
				1721	0.4500	0.03		1726	0.002	0.0000		
				1727	2.8000	0.31		1728	0.060	0.0007		
				1730	1.6000	0.39		1730	0.067	0.0022		
				1734	1.3500	0.48		1731	0.118	0.0033		
WATERSHED CONDITIONS:				1750	0.3750	0.58		1732	0.138	0.0048		
Growth of fescue				1813	0.0783	0.61		1735	0.138	0.0096		
(meadow).				2032	0.0043	0.62		1750	0.053	0.0263		
				2059	0.0222	0.63		1811	0.016	0.0347		
				2105	0.1000	0.64		1812	0.012	0.0349		
				2142	0.2270	0.78		1828	0.006	0.0366		
				2212	0.2800	0.52		1829	0.004	0.0366		
				2222	0.1200	0.94		1852	0.002	0.0374		
				2255	0.0182	0.95		2017	0.0	0.0384		
				2315	0.0900	0.58		2052	0.0	0.0384		
				2400	0.0133	0.59		2106	0.002	0.0386		
								2114	0.004	0.0388		
								2126	0.016	0.0402		
								2142	0.030	0.0445		
								2146	0.041	0.0462		
								2155	0.046	0.0507		
								2206	0.041	0.0563		
								2215	0.041	0.0606		
								2223	0.035	0.0641		
								2242	0.012	0.0693		
								2252	0.009	0.0706		
								2259	0.009	0.0713		
								2310	0.020	0.0732		
								2316	0.020	0.0746		
								2400	0.006	0.0812		

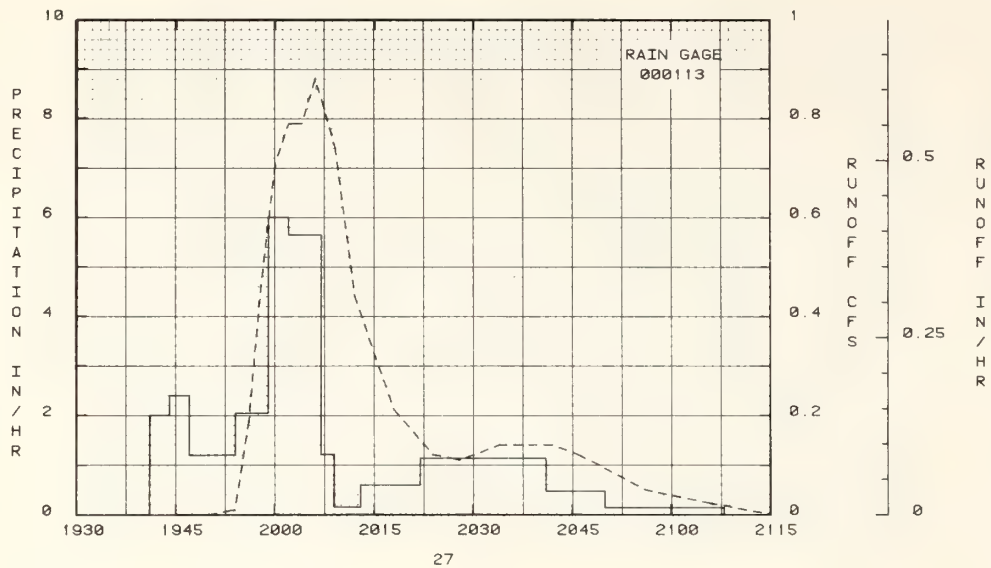
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.69841000.



EVENT OF APRIL 30, 1975  
COSECCTON, OHIO WATERSHED 121

1975	SELECTED RUNOFF EVENT			COSECCTON, OHIO WATERSHED 121						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 27, 1975										
6-27	EG 000113		6-27	EG 000113			6-27			
	0.0	0.0		1941	0.0	0.0		1945	0.0	0.0
				1944	2.0001	0.10		1946	0.002	0.0000
				1947	2.3999	0.22		1950	0.002	0.0001
				1954	1.2000	0.36		1954	0.012	0.0004
				1959	2.0400	0.53		1956	0.184	0.0027
WATERSHED CONDITIONS:										
Growth of fescue				2002	6.0001	0.83		1958	0.479	0.0104
(meadow).				2007	5.6400	1.30		2000	0.712	0.0243
				2009	1.2003	1.34		2002	0.792	0.0418
				2013	0.1499	1.35		2004	0.792	0.0602
				2022	0.6000	1.44		2006	0.877	0.0797
				2041	1.1368	1.80		2009	0.738	0.1075
				2050	0.4667	1.87		2012	0.438	0.1284
				2108	0.1333	1.91		2018	0.209	0.1510
								2024	0.118	0.1624
								2028	0.108	0.1677
								2034	0.138	0.1763
								2042	0.138	0.1891
								2046	0.118	0.1951
								2056	0.046	0.2046
								2107	0.020	0.2088
								2133	0.0	0.2119

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.6461000.



EVENT OF JUNE 27, 1975  
CCSBCCON, OHIO WATERSHED 121



LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Tuscarawas River, Muskingum River Basin.

AREA: 1.56 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														COSHOCTON, OHIO WATERSHED 106	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	3.82	3.39	3.15	3.77	3.44	4.35	1.92	6.21	5.50	2.43	1.45	2.50	41.93	
	Q	0.153	0.276	0.065	0.109	0.042	0.409	0.001	0.012	0.074	0.022	0.0	0.003	1.177	
STA AV	P	2.60	2.14	3.20	3.28	3.67	3.93	4.23	2.89	2.74	2.15	2.48	2.31	35.61	
	Q	0.220	0.263	0.105	0.127	0.108	0.267	0.275	0.181	0.141	0.016	0.033	0.075	1.817	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days	
		Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-27	1.507	6-27	0.382	6-27	0.400	6-27	0.400	6-27	0.400	6-26	0.400	6-25	0.400
		8-23	7.630	9-1	1.260	9-1	1.380	9-1	1.350	2-23	1.410	2-23	2.000	2-19	2.440
		1964		1950		1950		1950		1960		1962		1962	

NOTES: Watershed conditions: Cover of meadow, prevailing practice. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.20-5. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.20-1 and 26.30-3. Precipitation data from rain gage 113. Precipitation and runoff records began Apr. 1939. Runoff measurements discontinued Nov. 1972 to April 1974. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														COSHOCTON, OHIO WATERSHED 106	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.03S	0.0 T	0.0	0.06	0.04	0.0	0.0	0.15	0.0	0.11	0.0			
2	0.0	0.0	0.03SZ	0.32	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.0			
3	0.32E	0.0	0.04SZ	0.07	0.05E	0.13	0.0	0.65	0.03E	0.0	0.0	0.0			
4	0.0	0.06S	0.0	0.0	0.0	0.0 T	0.0	0.17	0.0	0.0	0.0	0.0			
5	0.0	0.25	0.0	0.0	0.07	0.38	0.0	0.0 T	1.41	0.0	0.0	0.0			
6	0.04M	0.14S	0.0	0.0	0.23	0.10E	0.0	0.0	0.04	0.0	0.0	0.42			
7	0.0	0.0 T	0.53	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.06E	0.0			
8	1.05	0.02S	0.0 T	0.0	0.0	0.0	0.01E	0.0	0.0	0.32	0.0	0.0			
9	0.06	0.05S	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.13	0.01	0.17			
10	0.08 Z	0.0	0.06S	0.0	0.0	0.0	0.98	0.70	0.0	0.0	0.54	0.0			
11	0.09 Z	0.0	0.0	0.0	0.0	0.83	0.0	0.81	0.96	0.0	0.0	0.0			
12	0.01SZ	0.12M	0.74	0.0	0.34	0.14	0.0	0.0	0.23	0.0	0.0	0.07			
13	0.01SZ	0.0	0.04	0.0	0.0 T	0.0	0.24	0.01E	0.0	0.0	0.04M	0.01E			
14	0.0	0.0	0.36M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01M	0.0			
15	0.02SZ	0.12	0.02E	0.0	0.0	0.33	0.0	1.14	0.0	0.06	0.0	0.62			
16	0.03SZ	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0			
17	0.0	0.11	0.0	0.0	0.0	0.19	0.16	0.0	0.10	1.53	0.0	0.0			
18	0.28M	0.05	0.11	0.18	0.17E	0.01	0.05	0.0	1.14	0.06	0.0	0.0 T			
19	0.19S	0.0	0.54	0.39	0.0	0.07	0.0	0.0	0.0	0.15	0.0	0.0 T			
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.26	0.0 T	0.22E	0.09	0.03	0.05S			
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.04	0.02S			
22	0.0	0.14	0.03E	0.12	0.05E	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
23	0.0	2.02	0.0	0.49	0.0	0.0	0.0	0.0	0.36 Z	0.0	0.0	0.0			
24	0.0	0.11	0.49	0.30	0.0	0.0	0.0 T	0.0	0.35 Z	0.0	0.01M	0.0			
25	0.34	0.0 T	0.0 T	0.80	0.33	0.01E	0.0	0.0	0.36 Z	0.0	0.02M	0.26			
26	0.01S	0.0	0.0 T	0.0	0.13	0.0 T	0.0	0.0 T	0.0 T	0.0	0.01M	0.42			
27	0.0	0.0 T	0.0	0.0 T	0.0 T	1.91	0.0	0.0	0.0	0.0	0.10M	0.0			
28	0.60	0.0 T	0.10	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T			
29	0.56		0.06	0.0	0.64	0.0	0.0	1.13	0.0	0.09	0.13	0.0			
30	0.06SZ		0.0 T	0.99	0.47	0.0	0.0	1.22	0.0	0.0	0.34	0.30			
31	0.07SZ		0.0		0.90		0.0	0.08		0.0		0.16			
TOTAL		3.82	3.39	3.15	3.77	3.44	4.35	1.92	6.21	5.50	2.43	1.45	2.50		
STA AV		2.60	2.14	3.20	3.28	3.67	3.93	4.23	2.89	2.74	2.15	2.48	2.31		

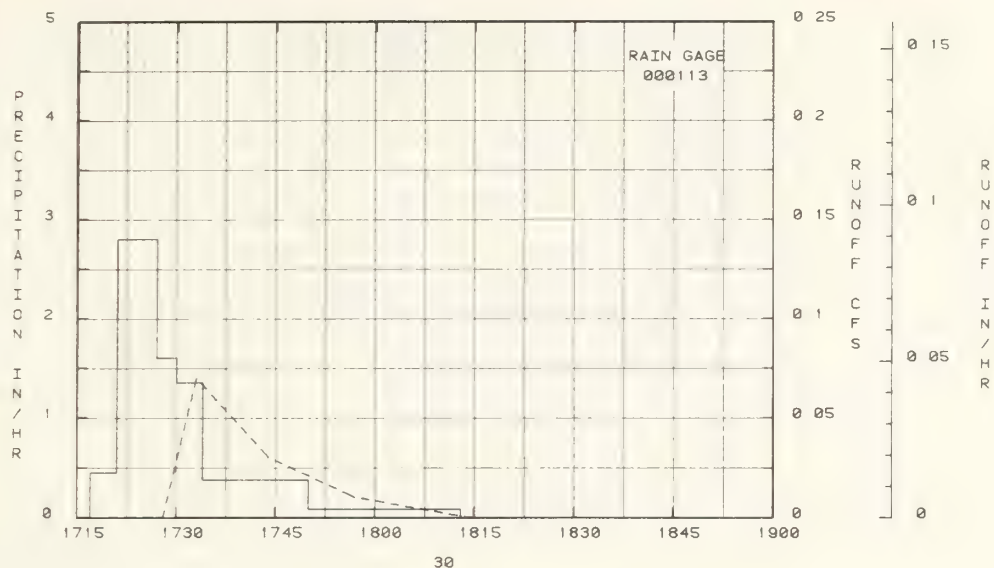
NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 113. STA AV based on 37 yr period, part-year records included. Codes 'E' may reflect estimated storm duration rather than estimated rainfall amount. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

1975 MEAN DAILY DISCHARGE (cfs) CCSRCTON, OHIO WATERSHED 106												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	T	0.0	0.0	0.0	0.0	T	0.0	0.0	T	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	T	0.0	0.0	0.0	T	0.0	0.0	0.002	0.0	0.0
6	0.0	0.0	T	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	T	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0
8	0.004	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0
9	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	T	0.0	0.0	0.0	0.0	0.0	T	0.0	T	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0
12	0.0	0.0	0.002	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0
16	0.0	0.0	E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	E	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
19	0.0	0.0	0.002	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.001	0.0	T	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0
25	0.001	0.0	0.0	0.004	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.026	0.0	0.0	0.0	0.0	0.0	0.0
28	0.001	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.006	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.003	0.0	T	0.0	0.0	0.001	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0004	0.0006	0.0001	0.0002	0.0	0.0009	0.0	0.0	0.0002	0.0	0.0	0.0
INCHES	0.193	0.276	0.065	0.109	0.012	0.409	0.001	0.012	0.074	0.022	0.0	0.003
STA AV	0.220	0.263	0.109	0.127	0.108	0.267	0.275	0.181	0.141	0.016	0.033	0.075

NOTES: To convert CPS to IN/DAY, multiply by 15.2575. STA AV based on 36 yr period, part-year records included.

1975 SELECTED RUNOFF EVENT CCSRCTON, OHIO WATERSHED 106											
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT CP APRIL 30, 1975											
RG 000113											
4-30	0.0	0.0	4-30	EG 000113	1717	0.0	4-30	1720	0.0	0.0	
					1721	0.4500		1721	0.004	0.0000	
					1727	2.8000		1724	0.004	0.0002	
					1730	1.6000		1728	0.002	0.0003	
					1734	1.3500		1733	0.067	0.0021	
WATERSHED CONDITIONS:											
Meadow of fescue.											
					1750	0.3750		1744	0.030	0.0078	
					1813	0.0783		1757	0.012	0.0106	
								1814	0.004	0.0121	
								1838	0.002	0.0128	
								1950	0.0	0.0136	
								2102	0.0	0.0136	
								2116	0.002	0.0138	
								2152	0.035	0.0208	
								2159	0.035	0.0234	
								2202	0.030	0.0244	
								2214	0.030	0.0283	
								2232	0.012	0.0323	
								2244	0.006	0.0334	
								2259	0.006	0.0344	
								2308	0.012	0.0352	
								2316	0.012	0.0362	
								2400	0.004	0.0400	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.63573000.

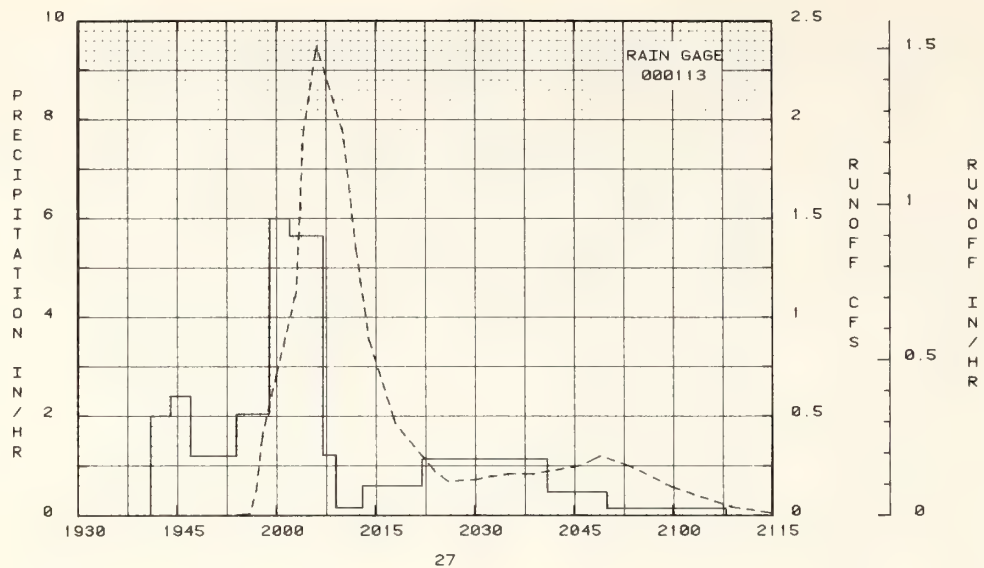


EVENT CP APRIL 30, 1975  
COSHOCCTON, OHIO WATERSHED 106

1975 SELECTED RUNOFF EVENT			COSHOCCTON, OHIO WATERSHED 106							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT CP JUNE 27, 1975										
6-27	RG 000113 0.0	0.0	6-27	RG 000113			6-27	1945	0.0	0.0
				1944	0.0	0.0		1946	0.002	0.0000
				1944	2.0001	0.10		1953	0.0	0.0001
				1947	2.3999	0.22		1956	0.006	0.0002
				1954	1.2000	0.36		1957	0.128	0.0009
				1955	2.0400	0.53				
WATERSHED CONDITIONS: Meadow of fescue.				2002	6.0001	0.83		1958	0.419	0.0038
				2007	5.6400	1.30		2000	0.712	0.0158
				2009	1.2003	1.34		2003	1.130	0.0450
				2013	0.1499	1.35		2004	1.930	0.0613
				2022	0.6000	1.44		2006	2.370	0.1068
				2041	1.1368	1.80		2010	1.930	0.1979
				2050	0.4667	1.87		2012	1.340	0.2326
				2108	0.1333	1.91		2014	0.877	0.2561
								2018	0.458	0.2844
								2024	0.222	0.3060
								2026	0.172	0.3101
								2030	0.184	0.3177
								2035	0.209	0.3281
								2039	0.209	0.3370
								2046	0.250	0.3540
								2049	0.256	0.3627
								2054	0.236	0.3767
								2100	0.138	0.3886
								2109	0.041	0.3972
								2118	0.009	0.3995
								2124	0.004	0.4000
								2132	0.0	0.4001
								2134	0.0	0.4001

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.63573000.





EVENT OF JUNE 27, 1975  
COSHOCTON, OHIO WATERSHED 106

## CCSHOCTCN, OHIO WATERSHED 196

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Tuscarawas River, Muskingum River Basin. Lat. 40 deg. 21 min. 38 sec. N.; Long. 81 deg. 47 min. 07 sec. W.

AREA: 303.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														COSHOCTON, OHIO WATERSHED 196			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	4.13	3.63	3.50	3.86	3.84	4.47	2.22	6.61	6.07	2.84	1.59	2.79	45.55			
	Q	3.802	4.191	3.252	1.793	1.452	1.115	0.239	0.365	1.964	1.309	0.423	1.448	21.393			
STA AV	P	2.68	2.39	3.53	3.43	3.79	4.13	4.23	2.90	2.76	2.25	2.59	2.45	37.13			
	Q	1.777	1.949	2.866	2.369	1.476	0.967	0.657	0.276	0.280	0.227	0.491	1.067	14.403			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2-23	0.380	2-23	0.304	2-23	0.474	2-23	6.870	2-23	1.150	2-23	1.471	2-23	1.500	2-22	2.548
MAXIMUMS FOR PERIOD OF RECORD																	
		6-12	3.720	6-12	1.210	6-12	1.440	7-5	2.106	7-5	2.453	1-21	2.920	1-20	3.210	3-4	4.630
		1957		1957		1957		1969		1965		1959		1959		1964	

NOTES: Watershed conditions (approximate percentages): Woods, 27%; grassland, 50%; miscellaneous, 4%; cultivated 19%; watershed in improved practice. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 26.30-5. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.30-1 and 26.30-3. Precipitation data from rain gage 108. Precipitation and runoff records began May 1937. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975		DAILY PRECIPITATION (inches)					COSHOCTON, OHIO WATERSHED 196						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.03S	0.0 T	0.0	0.06	0.02	0.0	0.0	0.17	0.0	0.11	0.0	
2	0.0	0.0	0.03SZ	0.30	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.32E	0.0	0.03SZ	0.09	0.04E	0.22	0.0	0.89	0.04E	0.0	0.0	0.0	
4	0.0	0.07S	0.0	0.0	0.0	0.0 T	0.0	0.21	0.0	0.0	0.0	0.0	
5	0.0	0.33	0.0	0.0	0.05	0.32	0.0	0.0 T	1.41	0.0	0.0	0.0	
6	0.04E	0.14S	0.0	0.0	0.26	0.16	0.0	0.0	0.05	0.0	0.0	0.46	
7	0.0	0.0 T	0.61	0.0	0.0	0.0	0.48	0.0	0.0	0.0	0.06E	0.0	
8	1.07	0.03S	0.0 T	0.0	0.0	0.0	0.05	0.0	0.0	0.41	0.0	0.0	
9	0.05	0.06S	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.15	0.01	0.19	
10	0.10 Z	0.0	0.04S	0.0	0.0	0.0	1.01	0.67	0.0	0.0	0.56	0.0	
11	0.10 Z	0.0	0.0	0.0	0.0	0.92	0.0	0.91	1.00	0.0	0.0	0.0	
12	0.02SZ	0.18E	0.82	0.0	0.33	0.15	0.0	0.0	0.23	0.0	0.0	0.06	
13	0.01SZ	0.0	0.05	0.0	0.0 T	0.0	0.25	0.03	0.0	0.0	0.05E	0.01E	
14	0.0	0.0	0.49E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0	
15	0.02SZ	0.10	0.01E	0.0	0.0	0.26	0.0	1.27	0.0	0.06	0.0	0.65	
16	0.03SZ	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	
17	0.0	0.14	0.0	0.0	0.0	0.22	0.14	0.0	0.10	1.63	0.0	0.0	
18	0.41E	0.04	0.13	0.19	0.15E	0.01	0.02	0.0	1.38	0.05	0.0	0.0 T	
19	0.23S	0.0	0.56	0.38	0.0	0.06	0.0	0.0	0.0	0.17	0.0	0.0 T	
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.20	0.0 T	0.28	0.09	0.04	0.05S	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.06	0.04S	
22	0.0	0.12	0.03E	0.10	0.04E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	2.11	0.0	0.74	0.0	0.0	0.0	0.0	0.37	0.0	0.0	0.0	
24	0.0	0.14	0.53	0.29	0.0	0.0	0.0 T	0.0	0.75	0.0	0.01E	0.0	
25	0.33	0.0 T	0.0 T	0.65	0.52	0.01E	0.0	0.0	0.12	0.0	0.03E	0.31	
26	0.01S	0.0	0.0 T	0.0	0.13	0.0 T	0.0	0.0 T	0.0 T	0.0	0.04E	0.51	
27	0.0	0.0 T	0.0	0.0 T	0.01	1.92	0.0	0.0	0.0	0.0	0.13E	0.0	
28	0.62	0.0 T	0.10	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	
29	0.62	0.07	0.0	0.0	0.69	0.0	0.0	1.04	0.0	0.08	0.12	0.0	
30	0.07SZ	0.0 T	0.97	0.42	0.0	0.0	0.0	1.39	0.0	0.0	0.35	0.32	
31	0.08SZ		0.0		1.14		0.0	0.14		0.0		0.19	
TOTAL	4.13	3.63	3.50	3.86	3.84	4.47	2.22	6.61	6.07	2.84	1.59	2.79	
STA AV	2.68	2.39	3.53	3.43	3.79	4.13	4.23	2.90	2.76	2.25	2.59	2.45	

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 108. STA AV based on 39 yr period, part-year records included. Codes 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

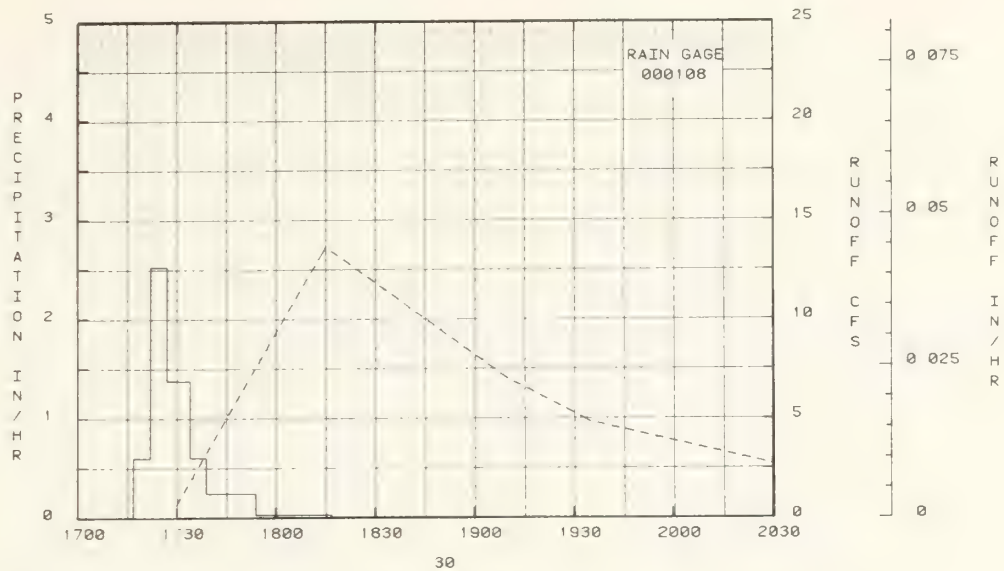
1975 MEAN DAILY DISCHARGE (cfs)						COSHOCTON, OHIO WATERSHED 196						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.109	1.444	0.926	0.553	3.345	1.186	0.183	0.029	0.217	0.383	0.213	0.268
2	0.921	1.156	0.774	0.555	1.373	0.512	0.159	0.028	0.125	0.339	0.200	0.203
3	1.322	0.928	0.686	0.830	1.101	0.542	0.143	0.150	0.102	0.259	0.169	0.177
4	1.122	0.814	0.619	0.579	1.031	0.429	0.128	0.099	0.085	0.261	0.176	0.151
5	0.850	1.373	0.573	0.503	0.787	0.520	0.106	0.051	2.447	0.234	0.164	0.151
6	0.801	1.804	0.541	0.463	0.977	0.503	0.091	0.040	0.768	0.204	0.158	0.470
7	0.740	1.095	1.880	0.440	0.660	0.371	0.127	0.034	0.576	0.170	0.162	0.360
8	4.391	0.842	0.972	0.406	0.539	0.308	0.126	0.029	0.511	0.148	0.153	0.308
9	3.753	0.678	0.784	0.383	0.465	0.253	0.093	0.028	0.406	0.116	0.143	0.417
10	2.260	0.593	0.751	0.371	0.412	0.211	0.602	0.199	0.331	0.055	0.578	0.371
11	1.771	0.576	0.733	0.339	0.378	0.881	0.137	0.365	0.744	0.091	0.230	0.318
12	1.239	0.559	4.692	0.308	0.432	0.703	0.085	0.202	0.717	0.088	0.117	0.251
13	1.029	0.522	1.766	0.280	0.545	0.354	0.111	0.050	0.362	0.085	0.210	0.293
14	0.807	0.470	1.472	0.251	0.534	0.339	0.058	0.044	0.299	0.082	0.196	0.260
15	0.777	0.491	1.500	0.246	0.351	0.361	0.066	0.919	0.261	0.079	0.182	1.782
16	0.635	1.353	1.481	0.255	0.251	0.301	0.060	0.131	0.294	0.076	0.176	0.965
17	0.506	2.641	1.562	0.234	0.234	0.244	0.061	0.062	0.238	4.674	0.164	0.725
18	0.728	1.420	1.307	0.268	0.265	0.243	0.064	0.048	3.361	1.959	0.153	0.582
19	0.716	1.161	5.306	0.553	0.206	0.186	0.060	0.040	1.063	1.434	0.148	0.489
20	0.538	0.935	1.832	0.289	0.177	0.177	0.086	0.037	1.116	1.037	0.147	0.463
21	0.465	0.797	1.386	0.235	0.160	0.148	0.062	0.036	0.746	0.817	0.160	0.417
22	0.440	0.746	1.193	0.248	0.151	0.133	0.050	0.041	0.627	0.695	0.142	0.371
23	0.458	16.451	0.927	0.537	0.149	0.119	0.044	0.033	0.563	0.565	0.138	0.310
24	0.546	7.540	2.211	1.092	0.130	0.106	0.044	0.029	4.493	0.477	0.140	0.260
25	2.758	2.768	1.204	5.124	0.177	0.106	0.042	0.028	1.296	0.429	0.152	0.311
26	1.360	1.761	0.975	1.432	0.211	0.106	0.039	0.029	0.925	0.383	0.119	2.597
27	0.945	1.319	0.828	1.030	0.124	3.628	0.037	0.028	0.763	0.339	0.156	1.084
28	1.344	1.120	0.812	0.973	0.099	0.635	0.034	0.025	0.627	0.308	0.110	0.800
29	10.081		0.852	0.815	0.395	0.322	0.033	0.204	0.505	0.256	0.129	0.695
30	2.276		0.731	3.229	0.206	0.228	0.031	1.264	0.429	0.243	0.277	1.361
31	1.777		0.625		2.578		0.030	0.346		0.218		1.124
MEAN	1.5614	1.9055	1.3517	0.7610	0.5963	0.4732	0.0560	0.1500	0.8334	0.5376	0.1794	0.5547
INCHES	3.802	4.191	3.292	1.793	1.452	1.115	0.235	0.365	1.964	1.309	0.423	1.446
STA AV	1.777	1.949	2.866	2.369	1.476	0.567	0.657	0.276	0.280	0.227	0.491	1.067

NOTES: To convert CPS to IN/DAY, multiply by 0.0786. STA AV based on 39 yr period, part-year records included.

1975 SELECTED RUNOFF EVENT						COSHOCTON, OHIO WATERSHED 196				
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF APRIL 30, 1975										
RG 000108										
4-30	0.0	0.041	4-30	1717	0.0	0.0	4-30	1730	0.661	0.0
				1722	0.6000	0.05		1815	13.600	0.0175
				1727	2.5200	0.26		1910	7.000	0.0484
				1734	1.3714	0.42		1935	4.830	0.0565
				1739	0.6000	0.47		2110	2.720	0.0760
WATERSHED CONDITIONS:										
Woods, 27%; grassland, 50%; cultivated, 19%;										
miscellaneous, 4%. Water-										
shed in improved practice.										
				1754	0.2400	0.53		2245	21.900	0.1358
				1817	0.0261	0.54		2340	16.000	0.1967
				2029	0.0091	0.56		2400	13.600	0.2128
				2104	0.0171	0.57				
				2147	0.2372	0.74				
				2213	0.3000	0.87				
				2223	0.1200	0.85				
				2256	0.0182	0.50				
				2311	0.2000	0.95				
				2400	0.0245	0.97				

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00327310.

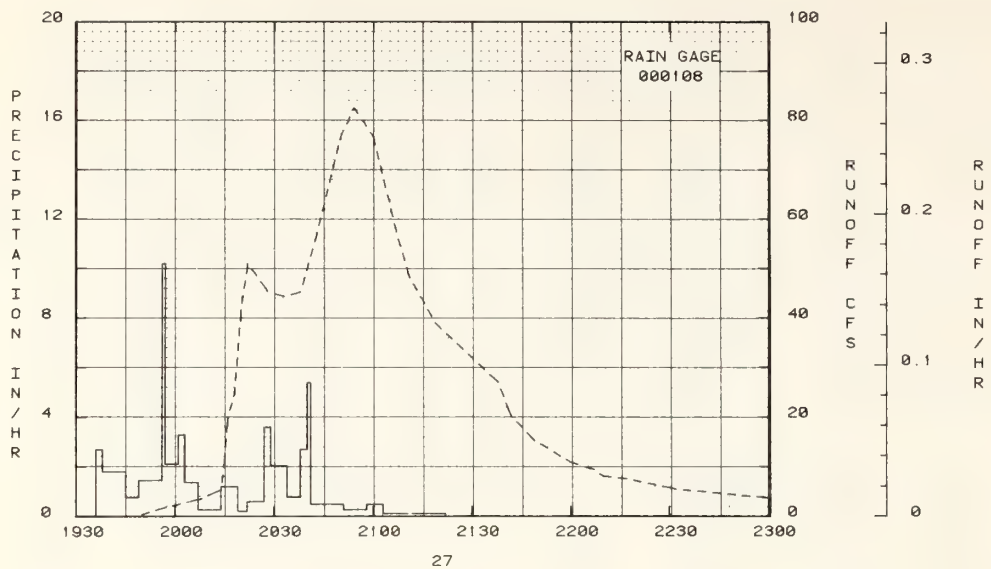




1975 SELECTED RUNOFF EVENT						CCSRECTION, OHIO WATERSHED 196					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JUNE 27, 1975											
6-27	RG 000108 0.0	0.006	6-27	RG 000108			6-27	1950	0.363	0.0	
				1936	0.0	0.0		1955	1.470	0.0003	
				1938	2.7003	0.09		2008	3.620	0.0021	
				1945	1.7599	0.30		2014	5.400	0.0035	
				1949	0.7500	0.35		2015	11.100	0.0040	
				1956	1.4571	0.52		2016	20.000	0.0048	
				1957	10.2025	0.65		2018	24.500	0.0073	
				2001	2.1000	0.83		2020	41.600	0.0109	
				2003	3.3000	0.94		2022	51.000	0.0159	
				2007	1.3499	1.03		2028	45.300	0.0317	
				2014	0.2573	1.06		2033	44.300	0.0435	
				2019	1.1599	1.16		2038	45.300	0.0561	
				2022	0.1999	1.17		2043	57.300	0.0701	
				2027	0.6000	1.22		2050	76.500	0.0957	
				2029	3.6003	1.34		2054	62.500	0.1130	
				2034	2.0400	1.51		2100	76.500	0.1390	
				2038	0.7500	1.56		2107	57.300	0.1646	
				2040	2.6599	1.65		2111	48.100	0.1761	
				2041	5.3564	1.74		2119	36.800	0.1950	
				2051	0.4600	1.82		2138	27.000	0.2291	
				2058	0.2571	1.85		2142	20.000	0.2343	
				2103	0.4799	1.85		2149	15.200	0.2410	
				2122	0.0947	1.92		2200	10.800	0.2466	
								2207	9.330	0.2526	
								2210	8.000	0.2540	
								2217	7.500	0.2570	
								2232	5.400	0.2623	
								2305	3.620	0.2704	
								2400	2.050	0.2789	

WATERSHED CONDITIONS:  
Woods, 27%; grassland,  
50%; cultivated, 19%;  
miscellaneous, 4%. Water-  
shed in improved practice.

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00327210.



EVENT OF JUNE 27, 1975  
CCSHCCTON, OHIO WATERSHED 196

CCSBOCTON, OHIO WATERSHED 174

LOCATION: Coshocton Co., Ohio; 10 mi. NE of Coshocton; Tuscarawas River, Muskingum River Basin. Lat. 40 deg. 21 min. 50 sec. N.; long. 81 deg. 47 min. 32 sec. W.

AREA: 52.80 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										COSHOCTON, OHIO WATERSHED 174									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	3.95	3.64	3.44	3.76	3.43	4.76	1.78	6.13	5.74	2.65	1.59	2.75	43.66					
	Q	2.853	2.809	2.025	0.958	0.649	0.663	0.042	0.230	1.396	0.792	0.125	0.643	13.424					
STA AV	P	2.38	2.24	3.56	3.37	3.35	3.03	3.70	2.91	2.75	1.99	2.75	2.63	34.65					
	Q	1.050	1.303	2.160	1.506	0.671	0.273	0.388	0.113	0.158	0.116	0.366	0.680	8.784					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-27	0.445	2-23	0.298	2-23	0.452	2-23	0.800	2-23	0.993	2-23	1.252	2-23	1.536	2-17	1.924		
MAXIMUMS FOR PERIOD OF RECORD																			
7- 5		1.085		4-25	0.820	4-25	1.110	7- 5	1.802	7- 5	2.154	7- 5	2.365	3- 5	2.540	3- 4	3.710		
1965				1961		1961		1969		1965		1969		1964		1964			

NOTES: Watershed conditions (approximate percentages): Cover of 15% hardwoods, 2% reforested, 67% grassland, 16% miscellaneous, watershed in improved practice. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1960-61, USDA Misc. Pub. 994, p. 26.30-4. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.38-1 and 26.30-3. Precipitation data from rain gage 107. Precipitation and runoff records began June 1960. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														COSHOCTON, OHIO WATERSHED 174	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.02S	0.0 T	0.0	0.08	0.02	0.0	0.0	0.15	0.0	0.10	0.0			
2	0.0	0.0	0.04SZ	0.32	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0			
3	0.25E	0.0	0.05SZ	0.07	0.06E	0.21	0.0	0.93	0.03E	0.0	0.0	0.0			
4	0.0	0.06S	0.0	0.0	0.0	0.0 T	0.0	0.35	0.0	0.0	0.0	0.0			
5	0.0	0.31	0.0	0.0	0.04	0.38	0.0	0.0 T	1.40	0.0	0.0	0.0			
6	0.04E	0.13S	0.0	0.0	0.28	0.14	0.0	0.0	0.06	0.0	0.0	0.0	0.47		
7	0.0	0.0 T	0.62	0.0	0.0	0.0	0.21E	0.0	0.0	0.0	0.09E	0.0			
8	1.08	0.03S	0.0 T	0.0	0.0	0.0	0.05	0.0	0.0	0.38	0.0	0.0			
9	0.05	0.08S	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.13	0.03	0.20			
10	0.11 Z	0.0	0.03E	0.0	0.0	0.0	0.82	0.54	0.0	0.0	0.54	0.0			
11	0.11 Z	0.0	0.0	0.0	0.0	0.87	0.0	0.82	0.95	0.0	0.0	0.0			
12	0.02SZ	0.21E	0.75E	0.0	0.26E	0.19	0.0	0.0	0.26	0.0	0.0	0.08			
13	0.02SZ	0.0	0.06	0.0	0.0 T	0.0	0.23	0.02E	0.0	0.0	0.05E	0.01E			
14	0.0	0.0	0.45E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0			
15	0.02SZ	0.11	0.04E	0.0	0.0	0.34	0.0	1.28	0.0	0.06	0.0	0.69			
16	0.03SZ	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0			
17	0.0	0.14	0.0	0.0	0.0	0.20	0.15	0.0	0.11	1.70	0.0	0.0			
18	0.25E	0.05	0.12E	0.17	0.14E	0.01	0.04	0.0	1.21	0.04	0.0	0.0 T			
19	0.23E	0.0	0.58	0.35	0.0	0.05	0.0	0.0	0.0	0.15	0.0	0.0 T			
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.22	0.01	0.28	0.08	0.02	0.05S			
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.07	0.03S			
22	0.0	0.14	0.03E	0.11E	0.06E	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
23	0.0	2.07	0.0	0.48	0.0	0.0	0.0	0.0	0.36	0.0	0.0	0.0			
24	0.0	0.15	0.49E	0.30	0.0	0.0	0.0 T	0.0	0.70	0.0	0.01E	0.0			
25	0.35	0.0 T	0.0 T	0.76	0.40	0.01E	0.0	0.0	0.08	0.0	0.03E	0.30			
26	0.01S	0.0	0.0 T	0.0	0.13	0.0 T	0.0	0.0 T	0.0 T	0.0	0.03E	0.42			
27	0.0	0.0 T	0.0	0.0 T	0.0 T	2.11	0.0	0.0	0.0	0.0	0.14E	0.0			
28	0.59	0.0 T	0.11	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T			
29	0.67		0.07	0.0	0.58	0.0	0.0	0.99	0.0	0.11	0.12	0.0			
30	0.08SZ		0.0 T	1.07	0.47	0.0	0.0	1.02	0.0	0.0	0.34	0.32			
31	0.08SZ		0.0		0.93		0.0	0.08		0.0		0.18E			
TOTAL	3.99	3.64	3.44	3.76	3.43	4.76	1.78	6.13	5.74	2.65	1.59	2.75			
STA AV	2.38	2.24	3.56	3.37	3.35	3.03	3.70	2.91	2.75	1.99	2.75	2.63			

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 107. STA AV based on 16 yr period, part-year records included. Codes 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

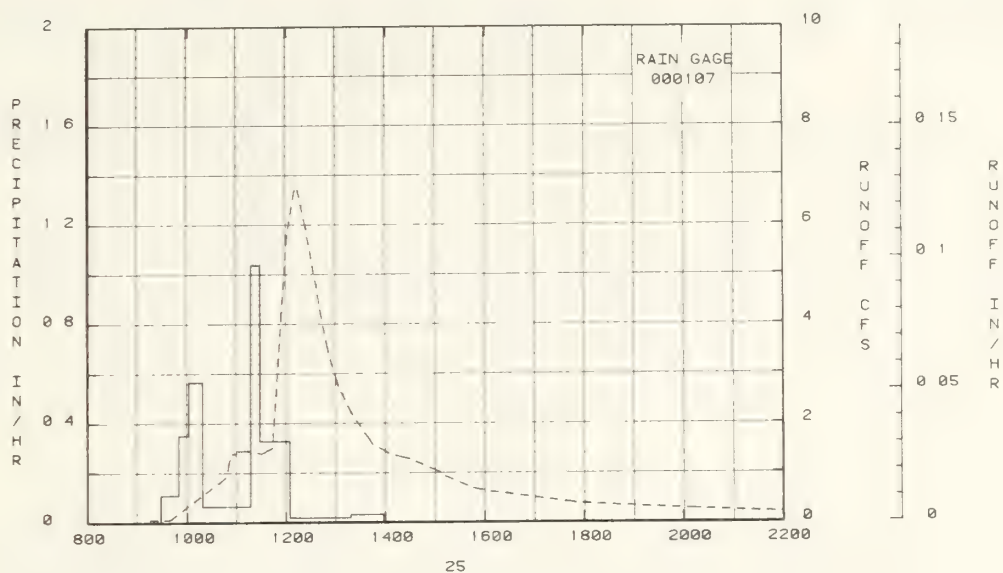


1975 MEAN DAILY DISCHARGE (cfs) COSHOCTON, OHIO WATERSHED 174												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.148	0.133	0.058	0.032	0.407	0.057	0.005	0.0	0.015	0.021	0.010	0.013
2	0.097	0.086	0.043	0.039	0.137	0.031	0.004	0.0	0.005	0.019	0.010	0.007
3	0.209	0.061	0.038	0.110	0.059	0.044	0.003	0.009	0.004	0.017	0.010	0.006
4	0.124	0.055	0.035	0.030	0.071	0.022	0.002	0.021	0.003	0.015	0.010	0.005
5	0.087	0.170	0.038	0.024	0.051	0.043	0.002	0.001	0.467	0.013	0.010	0.005
6	0.082	0.197	0.033	0.021	0.083	0.036	0.001	0.0 T	0.060	0.011	0.008	0.058
7	0.074	0.086	0.278	0.019	0.039	0.019	0.001	0.0	0.014	0.010	0.008	0.021
8	0.832	0.064	0.087	0.017	0.029	0.014	0.001	0.0	0.008	0.024	0.006	0.015
9	0.530	0.059	0.058	0.017	0.024	0.010	0.001	0.0	0.006	0.028	0.005	0.027
10	0.309	0.050	0.057	0.017	0.019	0.008	0.059	0.009	0.005	0.015	0.063	0.019
11	0.221	0.042	0.059	0.017	0.017	0.059	0.004	0.046	0.111	0.011	0.013	0.015
12	0.126	0.036	0.752	0.015	0.025	0.055	0.001	0.018	0.108	0.008	0.010	0.007
13	0.092	0.033	0.214	0.013	0.018	0.022	0.002	0.0 T	0.022	0.007	0.008	0.014
14	0.068	0.032	0.152	0.013	0.014	0.017	0.003	0.0	0.013	0.007	0.007	0.013
15	0.072	0.042	0.195	0.013	0.013	0.029	0.0 T	0.224	0.010	0.008	0.006	0.302
16	0.050	0.239	0.181	0.011	0.012	0.018	0.0	0.007	0.014	0.008	0.005	0.085
17	0.034	0.311	0.157	0.010	0.010	0.009	0.0 T	0.001	0.010	0.051	0.005	0.057
18	0.087	0.192	0.120	0.012	0.012	0.010	0.0	0.0 T	0.673	0.208	0.005	0.036
19	0.062	0.134	0.782	0.040	0.009	0.004	0.0	0.0	0.118	0.167	0.005	0.027
20	0.042	0.094	0.187	0.011	0.007	0.004	0.001	0.0	0.163	0.089	0.005	0.027
21	0.043	0.066	0.124	0.010	0.006	0.003	0.0	0.0 T	0.064	0.055	0.004	0.024
22	0.032	0.057	0.097	0.011	0.005	0.003	0.0	0.001	0.042	0.039	0.003	0.019
23	0.044	2.604	0.064	0.047	0.005	0.002	0.0	0.0	0.046	0.027	0.003	0.015
24	0.077	0.795	0.255	0.113	0.005	0.002	0.0	0.0	0.704	0.019	0.003	0.013
25	0.483	0.243	0.095	0.627	0.009	0.002	0.0	0.0	0.160	0.015	0.003	0.015
26	0.147	0.158	0.063	0.136	0.013	0.002	0.0	0.0	0.094	0.011	0.003	0.460
27	0.088	0.109	0.055	0.079	0.006	0.789	0.0	0.0	0.059	0.010	0.005	0.103
28	0.208	0.082	0.060	0.075	0.004	0.058	0.0	0.0	0.035	0.010	0.003	0.069
29	1.564		0.069	0.054	0.025	0.012	0.0	0.011	0.030	0.011	0.004	0.050
30	0.217		0.046	0.492	0.019	0.006	0.0	0.139	0.024	0.010	0.034	0.207
31	0.168		0.039		0.248		0.0	0.021		0.010		0.135
MEAN	0.2070	0.2226	0.1449	0.0708	0.0465	0.0490	0.0030	0.0164	0.1032	0.0566	0.0092	0.0603
INCHES	2.893	2.809	2.025	0.958	0.649	0.663	0.042	0.230	1.396	0.792	0.125	0.843
STA AV	1.050	1.303	2.160	1.506	0.671	0.273	0.388	0.113	0.158	0.116	0.366	0.680

NOTES: To convert CPS to IN/DAY, multiply by 0.45079. STA AV based on 16 yr period, part-year records included.

1975 SELECTED RUNOFF EVENT COSHOCTON, OHIO WATERSHED 174												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF APRIL 25, 1975												
RG 000107			RG 000107									
4-25	0.0	0.011	4-25	928	0.0	0.0	4-25	915	0.055	0.0		
				950	0.1091	0.04		940	0.064	0.0005		
				1002	0.3500	0.11		1047	0.903	0.0106		
				1019	0.5647	0.27		1051	1.150	0.0119		
				1117	0.0621	0.33		1052	1.260	0.0123		
WATERSHED CONDITIONS: Cover of hardwoods, 15%; reforested, 2%; grassland, 67%; miscellaneous, 16%.				1128	1.0364	0.52		1055	1.380	0.0135		
				1205	0.3243	0.72		1100	1.380	0.0157		
				1318	0.0164	0.74		1102	1.440	0.0166		
				1358	0.0300	0.76		1117	1.440	0.0233		
								1130	1.380	0.0291		
								1144	1.500	0.0354		
								1154	4.100	0.0441		
								1201	5.780	0.0550		
								1210	6.700	0.0725		
								1214	6.700	0.0809		
								1224	5.900	0.1007		
								1243	4.100	0.1304		
								1251	3.420	0.1398		
								1303	2.740	0.1514		
								1320	2.160	0.1644		
								1345	1.560	0.1790		
								1404	1.380	0.1877		
								1429	1.260	0.1981		
								1506	0.998	0.2111		
								1514	0.903	0.2135		
								1550	0.653	0.2223		
								1750	0.368	0.2415		
								2020	0.252	0.2560		
								2400	0.195	0.2714		

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.61878000.



EVENT CP AFFIL 25, 1975  
COSHOCTON, OHIO WATERSHED 174

1975 SELECTED RUNOFF EVENT

COSHOCTON, OHIO WATERSHED 174

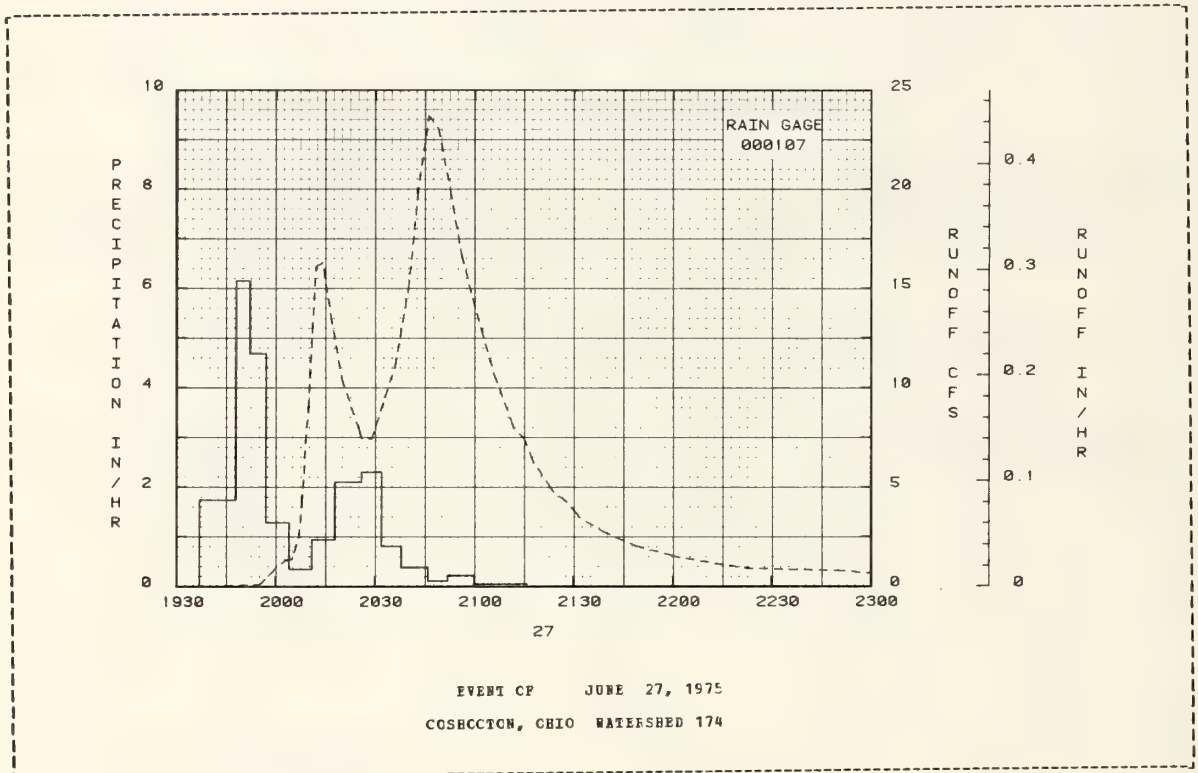
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)
					Acc. (inches)			Acc. (inches)
EVENT CP JUNE 27, 1975								
6-27	EG 000107		6-27	EG 000107		6-27		
	0.0	0.001		1537	0.0		1940	0.002
				1948	1.7454		1955	0.054
				1952	6.1501		2000	0.903
				1957	4.6600		2003	1.320
				2004	1.2857		2005	1.380
				2011	0.3429		2007	2.480
				2018	0.9429		2008	4.220
				2026	2.1000		2009	7.250
				2032	2.3000		2010	9.400
				2038	0.8000		2011	12.900
				2046	0.3750		2012	16.100
				2052	0.0999		2014	16.300
				2100	0.2250		2017	13.200
				2116	0.0375		2020	10.400
							2025	7.930
							2026	7.420
							2029	7.420
							2036	11.100
							2040	15.000
							2043	20.100
							2046	23.700
							2049	23.000
							2053	19.500
							2056	16.600
							2102	12.900
							2106	10.600
							2112	7.930
							2115	7.420
							2118	6.210
							2124	4.720

WATERSHED CONDITIONS:  
Cover of hardwoods, 15%;  
reforested, 2%; grassland,  
67%; miscellaneous, 16%.

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.01876000.

1975			SELECTED RUNOFF EVENT								CCSBCCTCN, OHIO WATERSHED 174			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF							
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.				
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)				
EVENT OF JUNE 27, 1975 (CONTINUED)														
							6-27	2128	4.220	0.3048				
								2132	3.420	0.3096				
								2139	2.740	0.3164				
								2149	2.000	0.3238				
								2202	1.440	0.3308				
								2222	0.903	0.3381				
								2250	0.772	0.3455				
								2305	0.653	0.3488				
								2315	0.395	0.3504				
								2400	0.252	0.3550				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.01878000.



COSHOCTON, OHIO WATERSHED 194

LOCATION: Coshocton Co., Ohio 10 mi. NE of Coshocton; Tuscarawas River, Muskingum River Basin. Lat. 40 deg. 21 min. 47 sec. N.; long. 81 deg. 47 min. 23 sec. W.

AREA: 187.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										COSHOCTON, OHIO WATERSHED 194							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	3.95	3.64	3.44	3.76	3.43	4.76	1.78	6.13	5.74	2.65	1.59	2.75	43.66			
	Q	3.404	3.437	2.891	1.466	1.165	0.912	0.185	0.275	1.615	1.283	0.377	1.322	18.331			
STA AV	P	2.40	2.29	3.41	3.26	3.31	3.03	3.70	2.91	2.75	1.99	2.75	2.63	34.43			
	Q	1.476	1.780	2.965	2.220	1.299	0.539	0.545	0.169	0.248	0.235	0.548	1.016	13.040			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge Date	Rate	1 Hour Date	Vol.	2 Hours Date	Vol.	6 Hours Date	Vol.	12 Hours Date	Vol.	1 Day Date	Vol.	2 Days Date	Vol.	8 Days Date	Vol.
1975		2-23	0.302	2-23	0.249	2-23	0.386	2-23	0.685	2-23	0.877	2-23	1.112	2-23	1.461	2-21	2.027
MAXIMUMS FOR PERIOD OF RECORD																	
		7-5 1965	0.959	4-25 1961	0.680	4-25 1961	0.930	7-5 1969	1.620	7-5 1969	1.979	7-5 1969	2.269	3-5 1964	2.600	3-4 1964	3.890

NOTES: Watershed conditions (approximate percentages): Cover of 21% hardwoods, 2% reforested, 58% grassland, 11% cultivated, 8% miscellaneous, watershed in improved practice. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1960-61, USDA Misc. Pub. 994, p. 26.30-4. For Geology description and map, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, pp. 26.39-1 and 26.30-3. Precipitation data from rain gage 107. Precipitation and runoff records began Jan. 1960. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														COSHOCTON, OHIO WATERSHED 194	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.02S	0.0 T	0.0	0.08	0.02	0.0	0.0	0.15	0.0	0.10	0.0			
2	0.0	0.0	0.04SZ	0.32	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0			
3	0.25E	0.0	0.05SZ	0.07	0.06E	0.21	0.0	0.93	0.03E	0.0	0.0	0.0			
4	0.0	0.06S	0.0	0.0	0.0	0.6 T	0.0	0.35	0.0	0.0	0.0	0.0			
5	0.0	0.31	0.0	0.0	0.04	0.38	0.0	0.0 T	1.40	0.0	0.0	0.0			
6	0.04E	0.13S	0.0	0.0	0.28	0.14	0.0	0.0	0.06	0.0	0.0	0.0	0.47		
7	0.0	0.0 T	0.62	0.0	0.0	0.0	0.21E	0.0	0.0	0.0	0.09E	0.0			
8	1.08	0.03S	0.0 T	0.0	0.0	0.0	0.05	0.0	0.0	0.38	0.0	0.0			
9	0.05	0.08S	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.13	0.03	0.20			
10	0.11 Z	0.0	0.03E	0.0	0.0	0.0	0.82	0.54	0.0	0.0	0.54	0.0			
11	0.11 Z	0.0	0.0	0.0	0.0	0.87	0.0	0.82	0.95	0.0	0.0	0.0			
12	0.02SZ	0.21E	0.75E	0.0	0.26E	0.19	0.0	0.0	0.26	0.0	0.0	0.08			
13	0.02SZ	0.0	0.06	0.0	0.0 T	0.0	0.23	0.02E	0.0	0.0	0.05E	0.01E			
14	0.0	0.0	0.45E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0			
15	0.02SZ	0.11	0.04E	0.0	0.0	0.34	0.0	1.28	0.0	0.06	0.0	0.69			
16	0.03SZ	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0			
17	0.0	0.14	0.0	0.0	0.0	0.20	0.15	0.0	0.11	1.70	0.0	0.0			
18	0.25E	0.05	0.12E	0.17	0.14E	0.01	0.04	0.0	1.21	0.04	0.0	0.0 T			
19	0.23S	0.0	0.58	0.35	0.0	0.05	0.0	0.0	0.0	0.15	0.0	0.0 T			
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.22	0.01	0.28	0.08	0.02	0.05S			
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.07	0.03S			
22	0.0	0.14	0.03E	0.11E	0.06E	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
23	0.0	2.07	0.0	0.48	0.0	0.0	0.0	0.0	0.36	0.0	0.0	0.0			
24	0.0	0.15	0.49E	0.30	0.0	0.0	0.0 T	0.0	0.70	0.0	0.01E	0.0			
25	0.35	0.0 T	0.0 T	0.76	0.40	0.01E	0.0	0.0	0.08	0.0	0.03E	0.30			
26	0.01S	0.0	0.0 T	0.0	0.13	0.0 T	0.0	0.0 T	0.0 T	0.0	0.03E	0.42			
27	0.0	0.0 T	0.0	0.0 T	0.0 T	2.11	0.0	0.0	0.0	0.0	0.14E	0.0			
28	0.59	0.0 T	0.11	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T			
29	0.67		0.07	0.0	0.58	0.0	0.0	0.99	0.0	0.11	0.12	0.0			
30	0.08SZ		0.0 T	1.07	0.47	0.0	0.0	1.02	0.0	0.0	0.34	0.32			
31	0.08SZ		0.0		0.93		0.0	0.08		0.0		0.18E			
TOTAL	3.99	3.64	3.44	3.76	3.43	4.76	1.78	6.13	5.74	2.65	1.59	2.75			
STA AV	2.40	2.29	3.41	3.26	3.31	3.03	3.70	2.91	2.75	1.99	2.75	2.63			

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 107. STA AV based on 16 yr period. Codes 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.



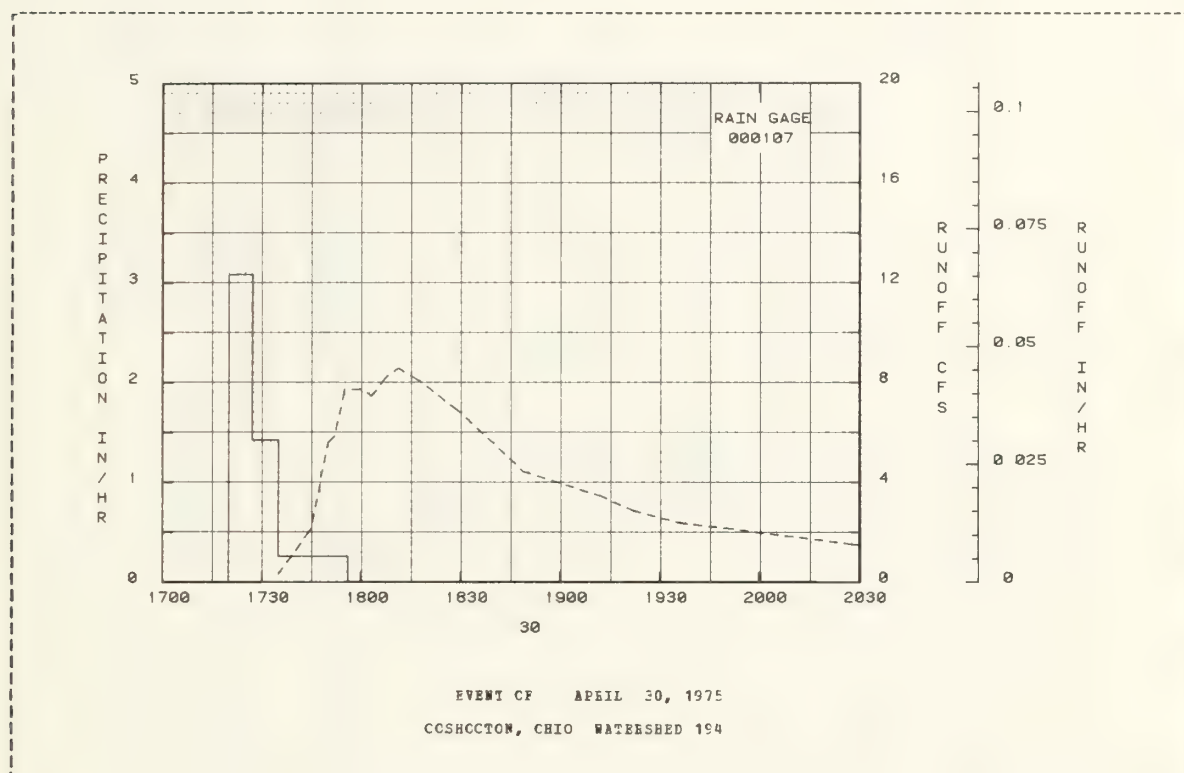
1975 MEAN DAILY DISCHARGE (cfs)													CCSROCTON, OHIO WATERSHED 194												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.717	0.768	0.473	0.313	1.659	0.355	0.103	0.005	0.091	0.201	0.105	0.137	1	0.717	0.768	0.473	0.313	1.659	0.355	0.103	0.005	0.091	0.201	0.105	0.137
2	0.567	0.601	0.394	0.346	0.729	0.158	0.086	0.004	0.052	0.176	0.109	0.103	2	0.567	0.601	0.394	0.346	0.729	0.158	0.086	0.004	0.052	0.176	0.109	0.103
3	0.832	0.453	0.336	0.444	0.599	0.230	0.079	0.077	0.042	0.164	0.103	0.054	3	0.832	0.453	0.336	0.444	0.599	0.230	0.079	0.077	0.042	0.164	0.103	0.054
4	0.668	0.417	0.326	0.289	0.524	0.172	0.065	0.049	0.037	0.152	0.054	0.086	4	0.668	0.417	0.326	0.289	0.524	0.172	0.065	0.049	0.037	0.152	0.054	0.086
5	0.516	0.723	0.301	0.258	0.418	0.227	0.058	0.013	0.734	0.141	0.086	0.086	5	0.516	0.723	0.301	0.258	0.418	0.227	0.058	0.013	0.734	0.141	0.086	0.086
6	0.495	0.969	0.298	0.229	0.540	0.208	0.058	0.010	0.276	0.131	0.086	0.291	6	0.495	0.969	0.298	0.229	0.540	0.208	0.058	0.010	0.276	0.131	0.086	0.291
7	0.379	0.585	1.051	0.215	0.378	0.152	0.062	0.010	0.164	0.121	0.089	0.197	7	0.379	0.585	1.051	0.215	0.378	0.152	0.062	0.010	0.164	0.121	0.089	0.197
8	2.556	0.477	0.549	0.201	0.307	0.131	0.053	0.008	0.131	0.182	0.079	0.164	8	2.556	0.477	0.549	0.201	0.307	0.131	0.053	0.008	0.131	0.182	0.079	0.164
9	1.971	0.437	0.424	0.188	0.232	0.121	0.042	0.006	0.103	0.168	0.072	0.232	9	1.971	0.437	0.424	0.188	0.232	0.121	0.042	0.006	0.103	0.168	0.072	0.232
10	1.266	0.397	0.413	0.188	0.201	0.112	0.290	0.097	0.079	0.112	0.361	0.189	10	1.266	0.397	0.413	0.188	0.201	0.112	0.290	0.097	0.079	0.112	0.361	0.189
11	1.003	0.359	0.387	0.176	0.181	0.454	0.061	0.177	0.440	0.103	0.132	0.164	11	1.003	0.359	0.387	0.176	0.181	0.454	0.061	0.177	0.440	0.103	0.132	0.164
12	0.705	0.322	2.447	0.164	0.234	0.364	0.042	0.068	0.400	0.103	0.112	0.154	12	0.705	0.322	2.447	0.164	0.234	0.364	0.042	0.068	0.400	0.103	0.112	0.154
13	0.581	0.281	1.018	0.152	0.201	0.189	0.057	0.018	0.189	0.094	0.103	0.165	13	0.581	0.281	1.018	0.152	0.201	0.189	0.057	0.018	0.189	0.094	0.103	0.165
14	0.446	0.264	0.807	0.141	0.176	0.152	0.050	0.018	0.142	0.079	0.103	0.164	14	0.446	0.264	0.807	0.141	0.176	0.152	0.050	0.018	0.142	0.079	0.103	0.164
15	0.391	0.281	0.850	0.141	0.164	0.178	0.032	0.510	0.121	0.075	0.054	1.035	15	0.391	0.281	0.850	0.141	0.164	0.178	0.032	0.510	0.121	0.075	0.054	1.035
16	0.338	0.837	0.840	0.131	0.164	0.142	0.028	0.050	0.144	0.072	0.086	0.551	16	0.338	0.837	0.840	0.131	0.164	0.142	0.028	0.050	0.144	0.072	0.086	0.551
17	0.279	1.036	0.583	0.121	0.164	0.123	0.031	0.024	0.121	2.578	0.086	0.418	17	0.279	1.036	0.583	0.121	0.164	0.123	0.031	0.024	0.121	2.578	0.086	0.418
18	0.393	0.571	0.760	0.136	0.167	0.125	0.028	0.018	2.000	1.190	0.086	0.326	18	0.393	0.571	0.760	0.136	0.167	0.125	0.028	0.018	2.000	1.190	0.086	0.326
19	0.369	0.672	2.708	0.241	0.152	0.057	0.024	0.012	0.592	0.626	0.079	0.274	19	0.369	0.672	2.708	0.241	0.152	0.057	0.024	0.012	0.592	0.626	0.079	0.274
20	0.288	0.562	1.000	0.152	0.122	0.054	0.050	0.010	0.649	0.607	0.076	0.258	20	0.288	0.562	1.000	0.152	0.122	0.054	0.050	0.010	0.649	0.607	0.076	0.258
21	0.287	0.429	0.762	0.131	0.094	0.079	0.024	0.013	0.399	0.458	0.078	0.229	21	0.287	0.429	0.762	0.131	0.094	0.079	0.024	0.013	0.399	0.458	0.078	0.229
22	0.243	0.426	0.663	0.134	0.074	0.072	0.021	0.018	0.322	0.378	0.065	0.201	22	0.243	0.426	0.663	0.134	0.074	0.072	0.021	0.018	0.322	0.378	0.065	0.201
23	0.250	8.053	0.522	0.281	0.065	0.065	0.016	0.015	0.315	0.291	0.058	0.176	23	0.250	8.053	0.522	0.281	0.065	0.065	0.016	0.015	0.315	0.291	0.058	0.176
24	0.284	3.365	1.186	0.552	0.058	0.058	0.015	0.015	2.609	0.229	0.065	0.164	24	0.284	3.365	1.186	0.552	0.058	0.058	0.015	0.015	2.609	0.229	0.065	0.164
25	1.556	1.396	0.665	2.320	0.091	0.058	0.012	0.012	0.749	0.201	0.065	0.177	25	1.556	1.396	0.665	2.320	0.091	0.058	0.012	0.012	0.749	0.201	0.065	0.177
26	0.765	0.971	0.496	0.779	0.088	0.058	0.010	0.010	0.524	0.176	0.058	1.487	26	0.765	0.971	0.496	0.779	0.088	0.058	0.010	0.010	0.524	0.176	0.058	1.487
27	0.516	0.759	0.428	0.561	0.058	2.245	0.010	0.010	0.418	0.152	0.089	0.567	27	0.516	0.759	0.428	0.561	0.058	2.245	0.010	0.010	0.418	0.152	0.089	0.567
28	0.804	0.589	0.437	0.524	0.052	0.348	0.010	0.007	0.341	0.141	0.065	0.458	28	0.804	0.589	0.437	0.524	0.052	0.348	0.010	0.007	0.341	0.141	0.065	0.458
29	5.163	0.462	0.430	0.430	0.151	0.178	0.010	0.124	0.274	0.144	0.078	0.357	29	5.163	0.462	0.430	0.430	0.151	0.178	0.010	0.124	0.274	0.144	0.078	0.357
30	1.176	0.381	1.577	0.103	0.103	0.131	0.010	0.616	0.229	0.121	0.155	0.809	30	1.176	0.381	1.577	0.103	0.103	0.131	0.010	0.616	0.229	0.121	0.155	0.809
31	0.940	0.345	1.004	1.004	1.004	1.004	0.008	0.133	0.112	0.112	0.112	0.630	31	0.940	0.345	1.004	1.004	1.004	1.004	0.008	0.133	0.112	0.112	0.112	0.630
MEAN	0.8627	0.5644	0.7327	0.3838	0.2952	0.2389	0.0466	0.0696	0.4230	0.3252	0.0987	0.3350	MEAN	0.8627	0.5644	0.7327	0.3838	0.2952	0.2389	0.0466	0.0696	0.4230	0.3252	0.0987	0.3350
INCHES	3.404	3.437	2.891	1.466	1.165	0.912	0.185	0.275	1.615	1.283	0.377	1.322	INCHES	3.404	3.437	2.891	1.466	1.165	0.912	0.185	0.275	1.615	1.283	0.377	1.322
STA AV	1.476	1.780	2.965	2.220	1.299	0.539	0.545	0.169	0.248	0.235	0.546	1.016	STA AV	1.476	1.780	2.965	2.220	1.299	0.539	0.545	0.169	0.248	0.235	0.546	1.016

NOTES: To convert CFS to IN/DAY, multiply by 0.12728. STA AV based on 16 yr period.

1975 SELECTED RUNOFF EVENT						CCSROCTON, OHIO WATERSHED 194					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF APRIL 30, 1975											
RG 000107			RG 000107								
4-30	0.0	0.034	4-30	1720	0.0	0.0	4-30	1735	0.340	0.0	
				1727	3.0857	0.36		1745	2.150	0.0011	
				1735	1.4250	0.55		1750	5.620	0.0028	
				1756	0.2571	0.64		1752	5.850	0.0038	
				2017	0.0043	0.65		1755	7.740	0.0056	
WATERSHED CONDITIONS:											
21% hardwoods; 2% reforested; 58% grassland; 11% cultivated; 8% miscellaneous. Watershed in improved practice.											
				2102	0.0133	0.66		1800	7.740	0.0050	
				2210	0.2824	0.98		1803	7.460	0.0111	
				2258	0.0125	0.55		1808	8.300	0.0145	
				2306	0.5250	1.06		1811	8.580	0.0168	
				2400	0.0111	1.07		1818	6.020	0.0219	
								1830	6.770	0.0298	
								1849	4.420	0.0392	
								1912	3.450	0.0472	
								1922	2.850	0.0459	
								1936	2.360	0.0532	
								1950	2.150	0.0560	
								2110	1.470	0.0688	
								2140	1.550	0.0728	
								2145	2.150	0.0736	
								2153	2.590	0.0753	
								2211	5.180	0.0814	
								2218	6.540	0.0851	
								2226	9.140	0.0906	
								2229	10.300	0.0932	
								2239	11.400	0.1028	
								2245	11.400	0.1088	
								2257	10.500	0.1204	
								2305	9.140	0.1274	
								2319	8.300	0.1362	
								2349	8.020	0.1598	

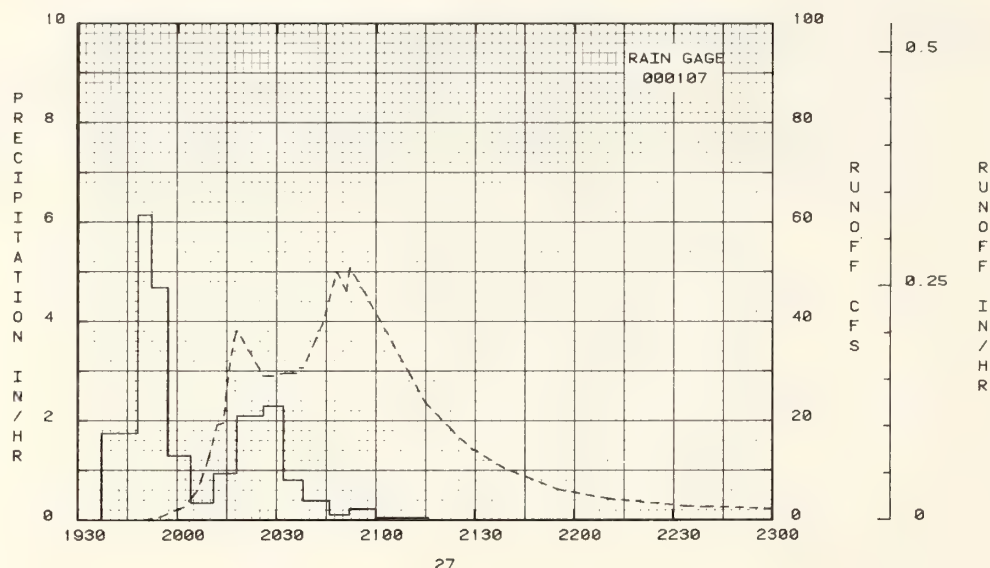
1975 SELECTED RUNOFF EVENT			COSHOCTON, OHIO WATERSHED 194								
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF APRIL 30, 1975 (CONTINUED)											
							4-30	2352	7.740	0.1615	
								2400	7.230	0.1672	

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00530300.



1975			SELECTED RUNOFF EVENT			CCSBCTCN, CHIO WATERSHED 194				
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 27, 1975										
RG 000107			EG 000107							
6-27	0.0	0.005	6-27	1937	0.0	0.0	6-27	1950	0.047	0.0
				1948	1.7454	0.32		1955	0.700	0.0002
				1952	6.1501	0.73		2000	2.150	0.0008
				1957	4.6800	1.12		2002	2.590	0.0012
				2004	1.2858	1.27		2006	5.850	0.0027
WATERSHED CONDITIONS: 21% hardwoods; 2% re-forested; 58% grassland; 11% cultivated; 8% miscellaneous. Watershed in improved practice.				2011	0.3428	1.31		2008	9.430	0.0041
				2018	0.9429	1.42		2010	13.600	0.0061
				2026	2.1000	1.70		2011	16.600	0.0074
				2032	2.3000	1.93		2012	19.200	0.0090
				2038	0.8000	2.01		2014	15.600	0.0124
				2046	0.3750	2.06		2015	27.200	0.0145
				2052	0.0999	2.07		2017	36.200	0.0201
				2100	0.2251	2.10		2018	38.200	0.0234
				2116	0.0375	2.11		2026	29.000	0.0472
								2029	25.000	0.0548
								2032	29.600	0.0626
								2036	25.600	0.0731
								2037	30.700	0.0757
								2038	30.700	0.0765
								2042	36.800	0.0904
								2044	39.700	0.0971
								2048	50.000	0.1130
					2051	46.000	0.1257			
					2052	50.800	0.1360			
					2057	45.100	0.1512			
					2107	33.100	0.1858			
					2111	28.400	0.1966			
					2115	23.500	0.2058			
					2124	17.400	0.2221			
					2129	14.300	0.2291			
					2131	13.600	0.2315			
					2139	10.300	0.2400			
					2155	6.080	0.2516			
					2210	4.250	0.2584			
					2234	2.720	0.2658			
					2240	2.590	0.2672			
					2300	2.150	0.2714			
					2400	1.150	0.2802			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00530300.



EVENT OF JUNE 27, 1975  
CCSBCTCN, CHIO WATERSHED 194

## COSHOCTON, OHIO WATERSHED 182

LOCATION: Coshocton Co., Ohio; 10 mi NE of Coshocton, Tuscarawas River, Walhounding River, Muskingum River Basin.

AREA: 65.60 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														COSHOCTON, OHIO WATERSHED 182			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	3.56	3.85	2.77	3.63	4.12	3.83	3.02	6.81	5.72	3.06	1.56	2.83	46.18			
	Q	3.472	3.587	2.998	1.465	1.248	0.766	0.210	0.337	2.112	1.301	0.421	1.312	15.229			
STA AV	P	2.55	2.23	3.67	3.65	3.68	2.85	4.11	2.96	3.07	2.26	2.98	3.01	37.02			
	Q	1.414	1.558	2.490	1.835	1.217	0.257	0.731	0.099	0.372	0.215	0.379	1.074	11.645			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2-23	0.312	2-23	0.257	2-23	0.405	2-23	0.725	2-23	0.930	2-23	1.198	2-23	1.582	2-22	2.139
MAXIMUMS FOR PERIOD OF RECORD																	
		7- 5	0.966	7- 5	0.486	7- 5	0.696	7- 5	1.537	7- 5	1.832	7- 5	2.190	3- 5	2.640	3- 4	3.960
		1965		1965		1969		1969		1965		1969		1964		1964	

NOTES: Watershed conditions (approximate percentages): Cover of 3% hardwoods, 9% pastured woodland, 5% reforested, 49% grassland, 34% cultivated, prevailing practice except for 10% of area which was strip cropped. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, p. 26.40-2. For Geology description, see foregoing reference, p. 26.40-1. Gage for Watershed 182 is 400 ft. upstream from that of Watershed 183, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1963, USDA Misc. Pub. 1164 and earlier publications of this series. Precipitation data from rain gage 119. Precipitation and runoff records began January, 1964. Runoff measurements discontinued Dec. 31, 1970 to May 1974. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														COSHOCTON, OHIO WATERSHED 182	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.04S	0.0 T	0.0	0.06	0.02	0.0	0.0	0.11	0.0	0.10	0.0			
2	0.0	0.0	0.03S	0.34E	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.0			
3	0.30E	0.0	0.04S	0.05	0.06E	0.22	0.0	0.76	0.02E	0.0	0.0	0.0			
4	0.0	0.10S	0.0	0.0	0.0	0.0 T	0.0	0.01	0.0	0.0	0.0	0.0			
5	0.0	0.35	0.0	0.0	0.04	0.31	0.0	0.0 T	1.16	0.0	0.0	0.0			
6	0.02E	0.13S	0.0	0.0	0.26	0.11E	0.0	0.0	0.04	0.0	0.0	0.48			
7	0.0	0.0 T	0.59	0.0	0.0	0.0	1.10	0.0	0.0	0.0	0.06E	0.0			
8	1.05	0.03S	0.0 T	0.0	0.0	0.0	0.01	0.0	0.0	0.46	0.0	0.0			
9	0.03	0.11S	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.11	0.02	0.20			
10	0.08	0.0	0.10S	0.0	0.0	0.0	1.21	0.73	0.0	0.0	0.53	0.0			
11	0.09	0.0	0.0	0.0	0.0	0.88	0.0	0.95	1.02	0.0	0.0	0.0			
12	0.02S	0.19E	0.83	0.0	0.19	0.14	0.0	0.0	0.20	0.0	0.0	0.09			
13	0.02S	0.0	0.05	0.0	0.0 T	0.0	0.26	0.01E	0.0	0.0	0.06E	0.01E			
14	0.0	0.0	0.64E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0			
15	0.02S	0.10	0.01E	0.0	0.0	0.25E	0.0	1.07	0.0	0.08	0.0	0.61			
16	0.02S	0.12	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0			
17	0.0	0.14	0.0	0.0	0.0	0.28	0.13E	0.0	0.10	2.03	0.0	0.0			
18	0.34E	0.04	0.15	0.19	0.20E	0.0 T	0.03E	0.0	1.41	0.07	0.0	0.0 T			
19	0.25S	0.0	0.60	0.35	0.0	0.06	0.0	0.0	0.0	0.14	0.0	0.0 T			
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.23	0.0	0.20	0.09	0.04	0.05S			
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.05	0.04S			
22	0.0	0.10	0.02E	0.13	0.04E	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
23	0.0	2.24	0.0	0.46	0.0	0.0	0.0	0.0	0.37	0.0	0.0	0.0			
24	0.0	0.16	0.52	0.25	0.0	0.0	0.0 T	0.0	0.79	0.0	0.01E	0.0			
25	0.34	0.0 T	0.0 T	0.82	0.33	0.01E	0.0	0.0	0.12	0.0	0.02E	0.32			
26	0.01S	0.0	0.0 T	0.0	0.13	0.0 T	0.0	0.01E	0.02E	0.0	0.09E	0.53			
27	0.0	0.0 T	0.0	0.0 T	0.01	1.34	0.0	0.0	0.0	0.0	0.10E	0.0			
28	0.66	0.0 T	0.12	0.11E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T			
29	0.59	0.07	0.0	1.03E	0.0	0.0	0.0	0.81	0.0	0.08	0.13	0.0			
30	0.07S	0.0 T	0.85	0.85	0.57	0.0	0.0	2.01	0.0	0.0	0.33	0.31			
31	0.07S		0.0		1.20		0.0	0.38		0.0		0.19			
TOTAL	3.98	3.85	3.77	3.63	4.12	3.83	3.02	6.81	5.72	3.06	1.56	2.83			
STA AV	2.55	2.23	3.67	3.65	3.68	2.85	4.11	2.96	3.07	2.26	2.98	3.01			

NOTES: For daily air temperatures in the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 119. STA AV based on 12 yr period. Code 'E' may reflect estimated storm duration rather than estimated rainfall amounts. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.

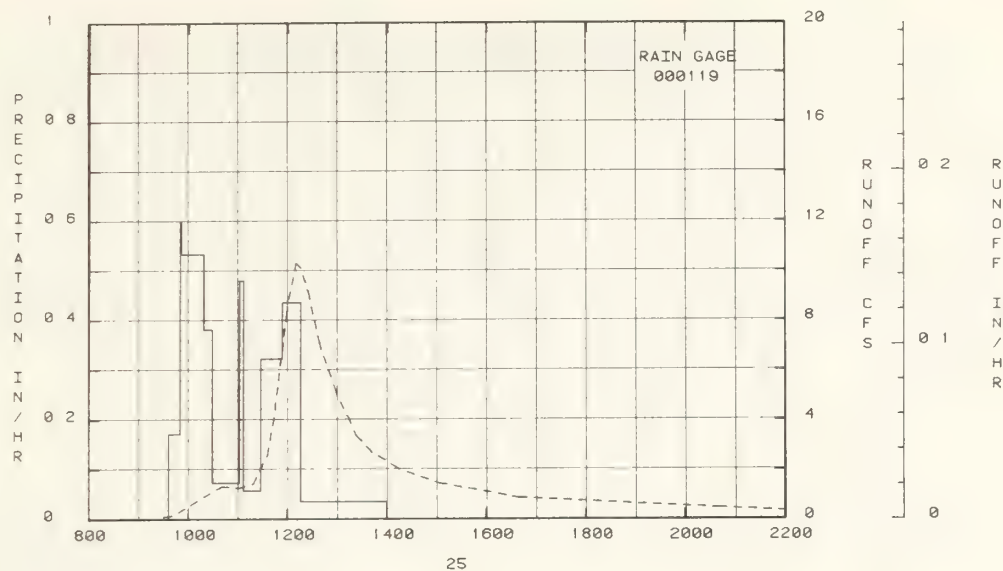


1975 MEAN DAILY DISCHARGE (cfs) COSHOCTON, OHIO WATERSHED 182												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.255	0.288	0.181	0.108	0.575	0.258	0.010	0.003	0.083	0.078	0.048	0.052
2	0.182	0.230	0.151	0.110	0.239	0.100	0.008	0.002	0.047	0.068	0.048	0.039
3	0.320	0.182	0.141	0.190	0.207	0.146	0.008	0.016	0.036	0.059	0.042	0.036
4	0.245	0.173	0.135	0.110	0.180	0.090	0.007	0.004	0.030	0.050	0.039	0.033
5	0.181	0.343	0.134	0.095	0.155	0.110	0.005	0.002	0.541	0.042	0.039	0.033
6	0.183	0.385	0.120	0.088	0.207	0.107	0.004	0.002	0.156	0.036	0.039	0.108
7	0.167	0.222	0.458	0.078	0.127	0.068	0.066	0.001	0.078	0.033	0.040	0.073
8	0.959	0.171	0.191	0.073	0.100	0.059	0.020	0.0	0.068	0.068	0.036	0.059
9	0.718	0.163	0.145	0.068	0.083	0.051	0.011	0.0	0.034	0.081	0.033	0.090
10	0.450	0.147	0.147	0.059	0.069	0.043	0.210	0.021	0.004	0.050	0.146	0.071
11	0.345	0.139	0.163	0.055	0.059	0.188	0.045	0.025	0.210	0.036	0.062	0.059
12	0.238	0.123	1.068	0.050	0.069	0.163	0.030	0.012	0.228	0.030	0.050	0.056
13	0.203	0.107	0.365	0.042	0.052	0.073	0.033	0.002	0.094	0.027	0.046	0.060
14	0.162	0.097	0.294	0.039	0.044	0.059	0.026	0.002	0.078	0.027	0.044	0.055
15	0.164	0.115	0.365	0.035	0.046	0.056	0.015	0.172	0.068	0.026	0.039	0.380
16	0.127	0.330	0.339	0.035	0.040	0.047	0.015	0.020	0.077	0.024	0.036	0.177
17	0.098	0.382	0.323	0.039	0.036	0.040	0.013	0.008	0.066	1.082	0.033	0.139
18	0.186	0.242	0.243	0.044	0.044	0.044	0.011	0.005	1.066	0.379	0.033	0.112
19	0.175	0.206	1.066	0.096	0.032	0.024	0.008	0.004	0.290	0.308	0.033	0.094
20	0.122	0.175	0.346	0.047	0.026	0.027	0.017	0.005	0.303	0.229	0.034	0.094
21	0.104	0.150	0.269	0.036	0.024	0.019	0.007	0.005	0.188	0.185	0.033	0.083
22	0.094	0.145	0.239	0.039	0.021	0.017	0.005	0.006	0.147	0.155	0.027	0.068
23	0.110	3.177	0.193	0.102	0.015	0.015	0.004	0.004	0.135	0.131	0.027	0.059
24	0.152	1.418	0.499	0.214	0.017	0.011	0.004	0.002	1.047	0.110	0.027	0.055
25	0.574	0.551	0.230	1.028	0.025	0.011	0.004	0.002	0.342	0.094	0.024	0.055
26	0.265	0.350	0.183	0.257	0.025	0.011	0.003	0.002	0.235	0.078	0.021	0.594
27	0.190	0.260	0.163	0.214	0.016	0.255	0.003	0.001	0.175	0.068	0.033	0.224
28	0.348	0.216	0.172	0.217	0.012	0.056	0.003	0.001	0.139	0.064	0.024	0.171
29	2.027		0.188	0.159	0.131	0.022	0.002	0.019	0.110	0.069	0.028	0.155
30	0.466		0.142	0.538	0.055	0.013	0.002	0.500	0.094	0.064	0.067	0.315
31	0.344		0.117		0.517		0.004	0.136		0.050		0.230
MEAN	0.3275	0.3746	0.2828	0.1428	0.1177	0.0746	0.0198	0.0318	0.2058	0.1227	0.0411	0.1237
INCHES	3.472	3.587	2.958	1.465	1.248	0.766	0.210	0.337	2.112	1.301	0.421	1.312
STA AV	1.414	1.558	2.490	1.835	1.217	0.257	0.731	0.099	0.372	0.219	0.375	1.074

NOTES: To convert CFS to IN/DAY, multiply by 0.34198. STA AV based on 9 yr period.

1975 SELECTED RUNOFF EVENT COSHOCTON, OHIO WATERSHED 182										
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF APRIL 25, 1975										
RG 000119										
4-25	0.0	0.018	4-25	936	0.0	0.0	4-25	930	0.116	0.0
				950	0.1714	0.04		940	0.147	0.0003
				951	0.6000	0.05		1040	1.320	0.0108
				1018	0.5333	0.25		1100	1.266	0.0169
				1029	0.3818	0.36		1119	1.440	0.0230
WATERSHED CONDITIONS: Cover of 3%, hardwoods; 9%, pastured woodland; 5%, re- forested; 49%, grassland; 34%, cultivated miscel- laneous.				1102	0.0727	0.40		1136	2.600	0.0311
				1107	0.4800	0.44		1144	4.110	0.0375
				1128	0.0571	0.46		1200	6.570	0.0616
				1154	0.3231	0.60		1210	10.300	0.0840
				1216	0.4364	0.76		1216	10.100	0.0985
				1400	0.0346	0.82		1225	9.140	0.1151
								1238	7.120	0.1442
								1300	4.980	0.1758
								1313	4.110	0.1898
								1323	3.350	0.1987
								1342	2.680	0.2123
								1416	2.000	0.2312
								1504	1.440	0.2508
								1640	0.858	0.2770
								2050	0.452	0.3159
								2400	0.342	0.3338

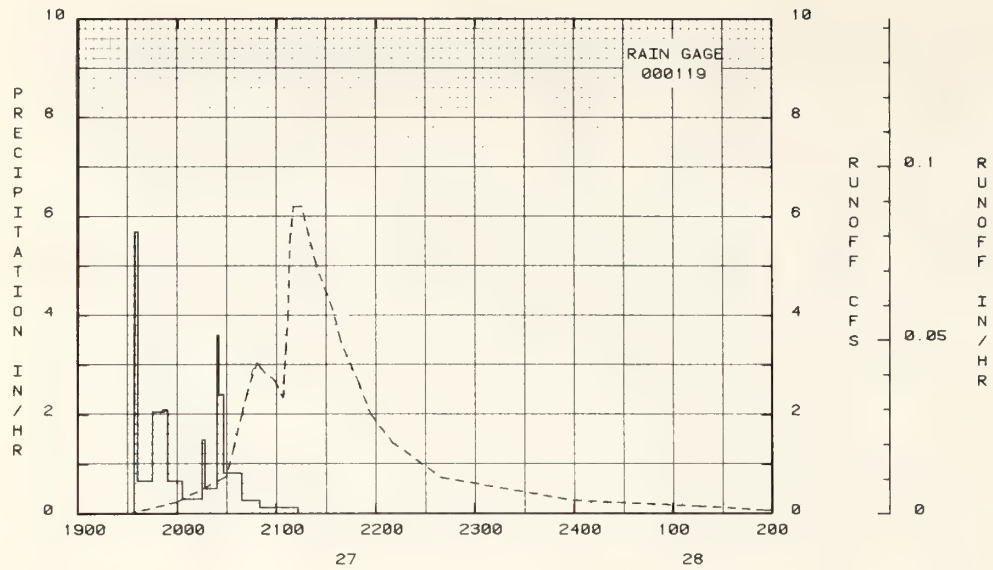
NOTES: To convert runoff in CFS TO IN/HR, multiply by 0.014249000.



EVENT OF APRIL 25, 1975  
COSECCTON, OHIO WATERSHED 162

1975 SELECTED RUNOFF EVENT			COSECCTON, OHIO WATERSHED 162							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 27 - 28, 1975										
BG 000119			BG 000119							
6-27	0.04	0.002	6-27	1934	0.0	0.0	6-27	1930	0.007	0.0
				1936	5.7014	0.19		2000	0.252	0.0009
				1945	0.6665	0.29		2030	0.772	0.0046
				1952	2.0572	0.53		2035	1.440	0.0059
				1954	2.0598	0.60		2039	2.000	0.0075
WATERSHED CONDITIONS: Cover of 3%, hardwoods; 9%, pastured woodland; 5%, re- forested; 49%, grassland; 34%, cultivated miscel- laneous.				2003	0.6667	0.70		2043	2.520	0.0097
				2015	0.3000	0.76		2048	3.040	0.0130
				2017	1.5001	0.81		2053	2.850	0.0165
				2024	0.5143	0.87		2059	2.660	0.0204
				2025	3.5999	0.93		2104	2.340	0.0234
				2028	2.3999	1.05		2106	3.450	0.0248
				2039	0.8182	1.20		2107	4.110	0.0257
				2050	0.2727	1.25		2108	5.510	0.0268
				2113	0.1304	1.30		2110	6.210	0.0296
								2115	6.210	0.0369
								2124	4.980	0.0489
								2134	4.110	0.0597
								2139	3.450	0.0642
								2151	2.520	0.0727
								2157	2.000	0.0759
								2210	1.440	0.0812
								2240	0.731	0.0890
								2400	0.273	0.0985
								6-28 120	0.147	0.1025

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.014245000.



EVENT CP JUNE 27 - 28, 1975  
 CCSBCTCN, CHIO WATERSHED 182

LOCATION: Coshocton County, Ohio; 10 miles NE of Coshocton; Walhonding River, Muskingum River Basin.

AREA: 79.20 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														CCSHCCTCN, OHIO WATERSHED 166	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	3.84	3.82	5.71	3.68	3.06	4.58	1.96	5.53	5.80	2.57	1.51	2.74	43.60	
	Q											0.506	1.358		
STA AV	P	2.60	2.27	5.35	3.33	5.80	3.77	4.20	2.93	2.73	2.05	2.48	2.40	35.91	
	Q	0.909	1.227	1.819	1.231	1.081	0.222	1.168	0.090	0.029	0.053	0.252	0.910	8.990	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		10-17	0.027	10-17	0.025	10-17	0.047	10-17	0.117	10-17	0.168	10-17	0.221	10-17	0.315
MAXIMUMS FOR PERIOD OF RECORD															
		7-27	0.921	7-5	0.539	7-5	0.666	7-5	1.553	7-5	1.876	7-5	2.054	7-5	2.249
		1965		1965		1965		1965		1969		1969		1969	

NOTES: Watershed conditions (approximate percentages): Cover of 4%, hardwoods; 6%, reforested; 67%, grassland; 17%, cultivated; 6%, miscellaneous. Watershed in improved practice. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1969, USDA Misc. Pub. 1370, p. 26.41-7. Precipitation records began 1940. Runoff records began January 1, 1967. Precipitation data from rain gage 100. Runoff measurements discontinued July 1, 1972 to Oct. 13, 1975. For long-time precipitation records, see National Weather Service records at Coshocton, Ohio.

1975 DAILY PRECIPITATION (inches)														CCSHCCTCN, OHIO WATERSHED 166	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.03S	0.0 T	0.0	0.07	0.02	0.0	0.0	0.16	0.0	0.11	0.0			
2	0.0	0.0	0.06SZ	0.24	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0			
3	0.26P	0.0	0.05SZ	0.06	0.06E	0.21	0.0	1.00	0.03E	0.0	0.0	0.0			
4	0.0	0.11S	0.0	0.0	0.0	0.0 T	0.0	0.70	0.0	0.0	0.0	0.0			
5	0.0	0.34	0.0	0.0	0.07	0.38	0.0	0.0 T	1.35	0.0	0.0	0.0			
6	0.04E	0.15S	0.0	0.0	0.25	0.08	0.0	0.0	0.05	0.0	0.0	0.0	0.45		
7	0.0	0.0 T	0.65	0.0	0.0	0.0	0.30E	0.0	0.0	0.0	0.06E	0.0	0.0		
8	1.03	0.04S	0.0 T	0.0	0.0	0.0	0.13	0.0	0.0	0.38	0.0	0.0	0.0		
9	0.04	0.09S	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.13	0.03	0.19	0.0		
10	0.10 Z	0.0	0.10S	0.0	0.0	0.0	0.83	0.49	0.0	0.0	0.50	0.0	0.0		
11	0.10 Z	0.0	0.0	0.0	0.0	0.81	0.0	0.75	0.91	0.0	0.0	0.0	0.0		
12	0.02SZ	0.20E	0.76	0.0	0.26E	0.25	0.0	0.0	0.26	0.0	0.0	0.0	0.09		
13	0.02SZ	0.0	0.05	0.0	0.0 T	0.0	0.23	0.0 T	0.0	0.0	0.05E	0.01E	0.0		
14	0.0	0.0	0.56E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0	0.0		
15	0.02SZ	0.11	0.05E	0.0	0.0	0.29	0.0	1.27	0.0	0.06	0.0	0.64	0.0		
16	0.02SZ	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0		
17	0.0	0.15	0.0	0.0	0.0	0.15	0.17	0.0	0.10	2.02	0.0	0.0	0.0		
18	0.20E	0.04	0.14	0.18	0.11E	0.01	0.05	0.0	1.20	0.04	0.0	0.0 T	0.0		
19	0.25E	0.0	0.58	0.34	0.0	0.05	0.0	0.0	0.0	0.16	0.0	0.0 T	0.0		
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.21	0.0 T	0.31	0.09	0.03	0.05S	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.07	0.04S	0.0		
22	0.0	0.15	0.04E	0.11	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	2.12	0.0	0.46	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0		
24	0.0	0.15	0.47	0.31	0.0	0.0	0.0 T	0.0	0.78	0.0	0.01E	0.0	0.0		
25	0.35	0.0 T	0.0 T	0.78	0.41	0.01E	0.0	0.0	0.10	0.0	0.02E	0.29	0.0		
26	0.02E	0.0	0.0 T	0.0	0.09	0.0 T	0.0	0.0 T	0.0 T	0.0	0.02E	0.46	0.0		
27	0.0	0.0 T	0.0	0.0 T	0.04	2.09	0.0	0.0	0.0	0.0	0.12E	0.0	0.0		
28	0.51	0.0 T	0.14	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0		
29	0.68		0.06	0.0	0.47	0.0	0.0	0.72	0.0	0.09	0.12	0.0	0.0		
30	0.07SZ		0.0 T	1.05	0.26	0.0	0.0	0.51	0.0	0.0	0.35	0.31	0.0		
31	0.07SZ		0.0		0.90		0.0	0.03		0.0		0.21E			
TOTAL		3.84	3.82	3.71	3.68	3.06	4.58	1.96	5.93	5.80	2.97	1.51	2.74		
STA AV		2.60	2.27	3.35	3.33	3.60	3.77	4.20	2.93	2.73	2.05	2.48	2.40		

NOTES: For daily air temperatures for the vicinity, see table for Watershed 123, p. 26.010-1. Precipitation amounts are for rain gage 100. STA AV based on 33 yr period. Part-year records included (gage 100 discontinued June 1972 to March 1974). Codes 'E' may reflect estimated storm duration rather than estimated rainfall amount. Code 'Z' indicates accurately measured total for a series of days has been equally divided among coded days.



1975 MEAN DAILY DISCHARGE (cfs)												COSHOCTON, OHIO	WATERSHED 166
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.069
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.054
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.067
4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.062
5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.058
6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.054
7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.109
8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.062
9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.054
10	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.156
11	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.086
12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.081
13	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.067
14	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.062
15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.054
16	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.048
17	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.530
18	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.353
19	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.322
20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.257
21	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.205
22	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.169
23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.148
24	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.130
25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.112
26	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.101
27	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.091
28	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.081
29	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.081
30	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.076
31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.071
MEAN													0.0561
INCHES													0.506
STA AV	0.909	1.227	1.819	1.231	1.081	0.222	1.166	0.090	0.029	0.053	0.252	0.510	0.1458

NOTES: To convert CFS to IN/DAY, multiply by 0.300526. STA AV based on 7 yr period. Part-year records included.

STILLWATER, OKLAHOMA WATERSHED W-1

LOCATION: Noble Co., Okla.; 15 mi. N. of Stillwater; Black Bear Creek, Arkansas River. Lat. 36 deg. 21 min. N.; Long. 97 deg. 04 min. W.

AREA: 16.70 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														STILLWATER, OKLAHOMA WATERSHED W-1											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual											
1975	P	2.25	1.59	2.36	1.08	8.43	6.34	1.97	1.75	1.99	1.69	1.67	1.06	32.22											
	Q	1.821	0.058	0.845	0.133	3.284	2.559	0.0	0.0	0.0	0.0	0.0	0.0	5.059											
STA AV	P	0.66	1.10	1.97	2.61	4.73	4.03	3.93	2.94	4.30	2.67	1.74	1.22	31.93											
	Q	0.218	0.273	0.888	0.933	1.590	1.015	0.519	0.234	0.824	0.756	0.664	0.369	8.284											
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																									
		Maximum Discharge Date	1 Hour Date	2 Hours Date	Maximum Volume for Selected Time Interval	6 Hours Date	12 Hours Date	1 Day Date	2 Days Date	8 Days Date															
1975		6- 6 1.805	5-13 0.790	5-13 0.567	5-13 1.735	5-13 1.806	5-13 1.806	6- 8 1.925	6- 5 2.559																
MAXIMUMS FOR PERIOD OF RECORD																									
		4-18 6.990	8- 8 3.516	8- 8 3.812	7-15 3.963	10- 2 4.515	7-14 5.185	11- 2 5.720	10-28 10.140																
		1957	1973	1973	1951	1959	1951	1974	1974																

NOTES: Watershed conditions: All native grass pasture located in region (H-80) of the Central Rolling Red Prairies land resource area. For map of watershed, see Hydrologic Data for Experimental Agricultural Watershed in the United States, 1964, USDA Misc. Pub. 1194, p. 37.1-7 (revised). Precipitation data obtained from R-1 recording rain gage. Precipitation and runoff records began July 1951. STA AV precipitation data from R-3 recording rain gage record through 1964 combined with data from R-1 for 1965 through 1975. Station operated by Oklahoma Agricultural Experiment Station as of March 30, 1973. Part year records are included in Sta AV. For long-time precipitation records, see National Weather Service records at Stillwater, Oklahoma.

1975 DAILY PRECIPITATION (inches)														STILLWATER, OKLAHOMA WATERSHED W-1											
	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec												
	1	0.0	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
	2	0.615	0.04	0.0	0.0	1.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
	3	0.0	0.28	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	0.0												
	4	0.0	0.22	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.03	0.0												
	5	0.0	0.0	0.0	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.02	0.0												
	6	0.0	0.0	0.0	0.10	0.0	1.88	0.0	0.0	0.0	0.0	0.0	0.0												
	7	0.0	0.0	0.0	0.59	0.0	1.22	0.0	0.0	0.0	0.0	0.0	0.0												
	8	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0												
	9	0.15	0.0	0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
	10	0.0	0.0	0.0	0.0	0.0	1.28	0.21	0.0	0.0	0.0	0.0	0.0												
	11	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.0	1.78	0.0	0.0	0.0												
	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
	13	0.0	0.0	0.0	0.07	3.24	0.62	0.0	0.0	0.0	0.0	0.0	0.0												
	14	0.0	0.0	0.0	0.0	0.0	0.0	0.42	0.0	0.05	1.51	0.0	0.29												
	15	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.80	0.0	0.18	0.0	0.16												
	16	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0												
	17	0.0	0.56	0.11	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.03	0.0												
	18	0.0	0.045	0.18	0.0	0.0	0.0	0.0	0.54	0.0	0.0	0.0	0.0												
	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.51	0.0												
	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0												
	21	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0												
	22	0.0	0.0	0.0	0.0	1.80	0.14	0.0	0.0	0.0	0.0	0.0	0.20												
	23	0.0	0.265	0.0	0.0	0.38	0.57	0.0	0.0	0.0	0.0	0.0	0.02												
	24	0.0	0.06	0.0	0.0	0.12	0.0	1.06	0.0	0.0	0.0	0.0	0.215												
	25	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.13	0.0	0.0	0.0	0.0												
	26	0.0	0.0	0.20	0.0	0.77	0.0	0.16	0.0	0.0	0.0	0.0	0.0												
	27	0.0	0.0	1.02	0.32	0.0	0.0	0.0	0.23	0.0	0.0	0.0	0.0												
	28	0.0	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
	29	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.58	0.18												
	30	1.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
TOTAL		2.29	1.55	2.36	1.08	8.43	6.34	1.97	1.75	1.99	1.69	1.67	1.06												
STA AV		0.68	1.10	1.97	2.61	4.73	4.03	3.93	2.94	4.30	2.67	1.74	1.22												

NOTES: Amounts recorded at rain gage R-1 used for current monthly totals and for runoff events. STA AV based on 25 yr (1951-75) record period.

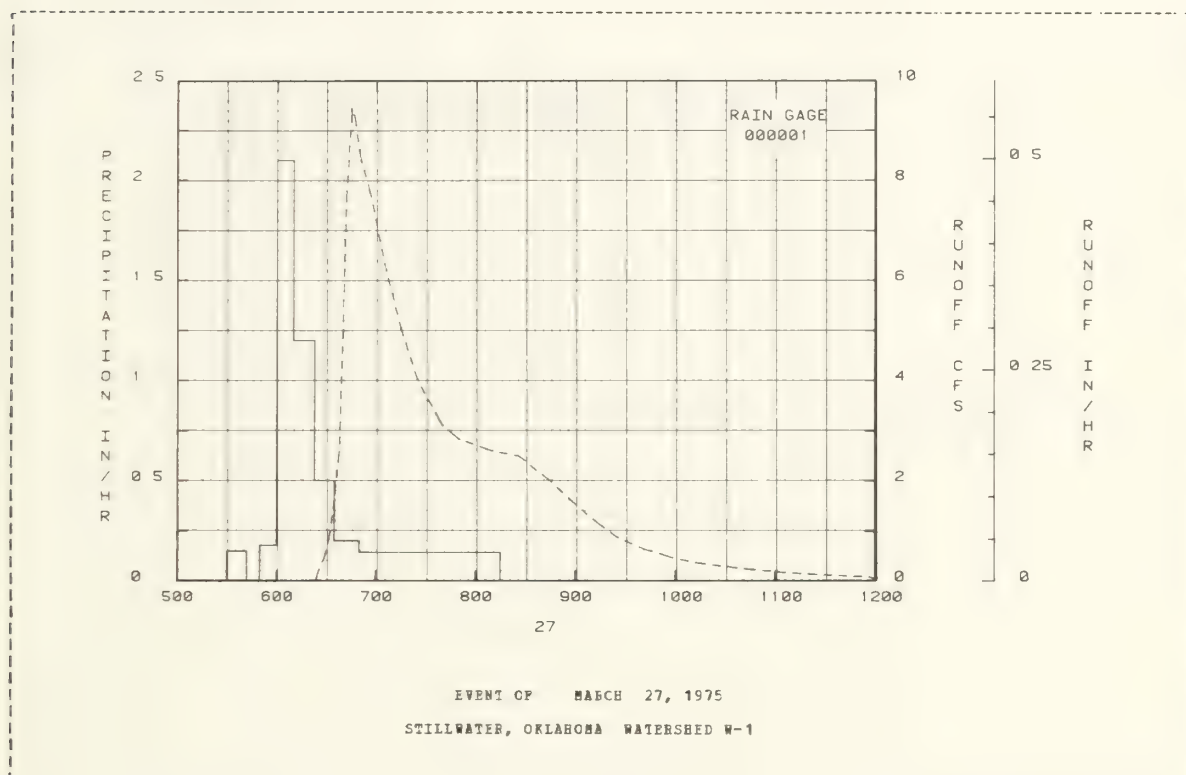
1975 MEAN DAILY DISCHARGE (cfs) STILLWATER, OKLAHOMA WATERSHED W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.386	0.0	0.0	0.0	0.124	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.113	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.067	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.540	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.086	0.0	0.129	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.007	0.0	0.448	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.118	0.0	0.0	0.022	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.011	0.0	0.0	0.861	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	1.252	0.056	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.207	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.430	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.234	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.450	0.0	0.042	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.659	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0412	0.0014	0.0151	0.0031	0.0743	0.0692	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	1.821	0.058	0.845	0.133	3.284	2.559	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.218	0.273	0.888	0.933	1.590	1.015	0.519	0.234	0.824	0.756	0.664	0.369

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.425249.

1975	SELECTED RUNOFF EVENT						STILLWATER, OKLAHOMA WATERSHED W-1					
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF MARCH 27, 1975												
RG 000001			BG 000001									
3-27	0.0	0.0	3-27	530	0.0	0.0	3-27	616	0.0	0.0		
				542	0.1500	0.03		617	0.0	0.0		
				550	0.0	0.03		618	0.0	0.0		
				600	0.1600	0.06		622	0.013	0.0000		
				610	2.1000	0.41		624	0.042	0.0001		
WATERSHED CONDITIONS:												
100% of area in native				623	1.2000	0.67	626	0.241	0.0004			
grass pasture in fair				635	0.5000	0.77	629	0.461	0.0014			
condition.				650	0.2000	0.82	632	0.862	0.0034			
			815	0.1412	1.02		635	1.623	0.0070			
							638	2.553	0.0133			
							639	3.769	0.0165			
							640	5.035	0.0208			
							642	7.662	0.0334			
							645	9.455	0.0588			
							647	5.223	0.0773			
							650	8.487	0.1036			
							657	7.662	0.1595			
							705	6.332	0.2149			
							715	5.035	0.2712			
							725	4.008	0.3159			
							740	3.098	0.3687			
							750	2.829	0.3980			
							810	2.593	0.4517			
							826	2.452	0.4915			
							846	1.970	0.5361			
							857	1.623	0.5557			
							914	1.143	0.5789			
							926	0.862	0.5508			
							942	0.631	0.6027			
							959	0.461	0.6118			

1975			SELECTED RUNOFF EVENT			STILLWATER, OKLAHOMA WATERSHED W-1					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)	
EVENT OF MARCH 27, 1975 (CONTINUED)											
							3-27	1014	0.360	0.6175	
								1033	0.281	0.6240	
								1044	0.241	0.6268	
								1102	0.184	0.6306	
								1125	0.130	0.6342	
								1157	0.081	0.6375	

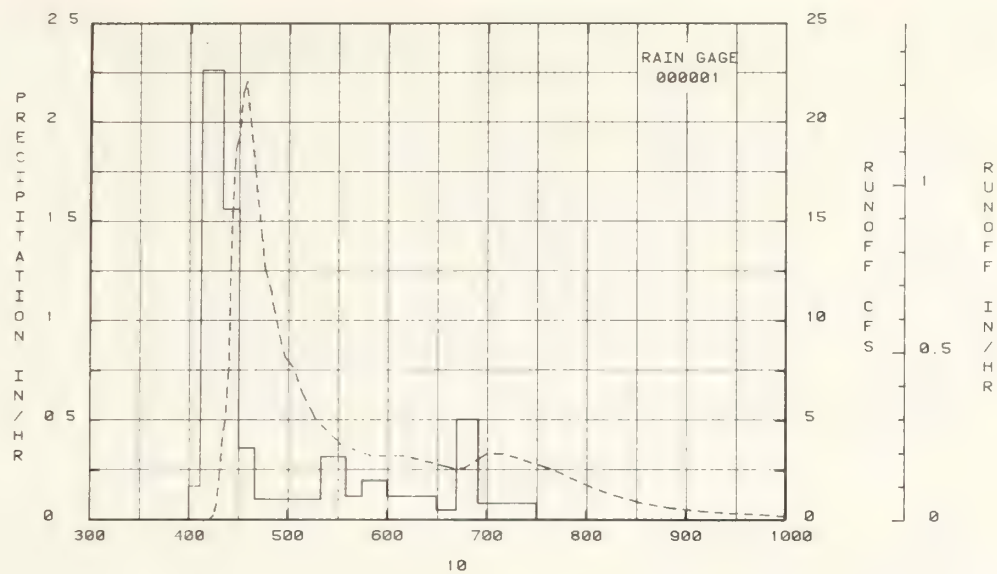
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.055385.





1975			SELECTED EUNOFF EVENT			STILLWATER, OKLAHOMA			WATERSHED W-1		
ANTECEDENT CONDITIONS			RAINFALL			EUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT CP JUNE 10, 1975											
RG 000001			RG 000001								
6-10	0.0	0.0	6-10	400	0.0	0.0	6-10	409	0.0	0.0	
				407	0.1715	0.02		410	0.007	0.0	
				420	2.2615	0.51		413	0.067	0.0001	
				430	1.5601	0.77		415	0.241	0.0004	
				440	0.3600	0.63		416	0.461	0.0008	
WATERSHED CONDITIONS: 100% of area in native grass pasture in fair condition.				520	0.1050	0.50		417	0.862	0.0014	
				535	0.3200	0.58		418	1.623	0.0026	
				545	0.1200	1.00		419	2.553	0.0047	
				600	0.2000	1.05		420	3.789	0.0075	
				630	0.1200	1.11		422	5.035	0.0166	
				642	0.0500	1.12		423	6.332	0.0223	
				655	0.5077	1.23		424	7.662	0.0282	
				730	0.0857	1.28		425	12.898	0.0384	
								426	15.361	0.0533	
								427	17.824	0.0698	
								428	18.773	0.0879	
								430	19.401	0.1257	
								432	21.419	0.1661	
								434	22.048	0.2091	
								437	15.705	0.2711	
								440	17.197	0.3255	
								444	14.001	0.3876	
								446	12.521	0.4139	
								449	11.650	0.4458	
								452	10.350	0.4824	
								455	9.171	0.5114	
								458	8.168	0.5371	
								503	7.662	0.5763	
								509	6.332	0.6175	
								517	5.035	0.6629	
								532	3.789	0.7284	
								550	3.216	0.7908	
								610	3.216	0.8544	
								640	2.593	0.9407	
								646	2.593	0.9561	
								700	3.334	0.9971	
								710	3.334	1.0301	
								738	2.593	1.1122	
								804	1.623	1.1665	
								818	1.223	1.1862	
								834	0.862	1.2027	
								850	0.631	1.2145	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.059385.



EVENT OF JUNE 10, 1975  
STILLWATER, OKLAHOMA WATERSHED W-1

STILLWATER, OKLAHOMA WATERSHED W-3

LOCATION: Noble Co., Okla.; 15 mi. N. of Stillwater; Black Bear Creek, Arkansas River. Lat. 36 deg. 21 min. N.; Long. 97 deg. 04 min. W.

AREA: 52.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										STILLWATER, OKLAHOMA WATERSHED W-3							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	2.15	1.71	2.31	0.97	8.02	6.02	1.90	1.69	1.88	1.65	1.50	1.16	30.96			
	Q	1.640	1.057	1.013	0.204	3.223	2.657	0.0	0.0	0.0	0.0	0.0	0.0	9.754			
STA AV	P	0.68	1.11	1.97	2.52	4.63	3.96	3.88	2.92	4.12	2.61	1.69	1.21	31.28			
	Q	0.124	0.260	0.707	0.731	1.376	0.822	0.429	0.066	0.706	0.614	0.425	0.224	6.485			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-13	1.002	5-13	0.659	5-13	0.871	5-13	1.602	5-13	1.731	5-13	1.733	5-13	1.733	6- 5	2.656
MAXIMUMS FOR PERIOD OF RECORD																	
		7-15	4.739	7-15	2.896	7-15	3.486	7-15	3.796	10- 2	4.957	10- 1	5.185	10- 1	6.083	9-30	8.143
		1951		1951		1951		1951		1955		1959		1959		1959	

NOTES: Watershed conditions: All native grass cover, 32% in hay meadow and 68% in pasture. The pasture was grazed using normal procedures for the year. For map of watershed, see Selected Runoff Events for Small Agricultural Watersheds in the United States, USDA, AES, Jan. 1960, p. 37.2-6. Precipitation data obtained from F-3 recording rain gage. Precipitation and runoff records began July 1951. STA AV based on 25 yr (1951-75) record period. Station operated by Oklahoma Agricultural Experiment Station as of March 30, 1973. Part year records are included in STA AV. For long-time precipitation records, see National Weather Service records at Stillwater, Oklahoma.

1975 DAILY PRECIPITATION (inches)														STILLWATER, OKLAHOMA WATERSHED W-3													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
2	0.66S	0.05	0.0	0.0	1.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
3	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.49	0.0	0.0														
4	0.0	0.24	0.06S	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.02	0.0	0.0														
5	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.0	0.0	0.0	0.02	0.0	0.0														
6	0.0	0.0	0.0	0.0	0.06	0.0	1.67	0.0	0.0	0.0	0.0	0.0	0.0														
7	0.0	0.0	0.0	0.0	0.55	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0														
8	0.0	0.0	0.0	0.0	0.0	0.0	1.08	0.0	0.0	0.0	0.0	0.0	0.0														
9	0.14	0.0	0.55	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0														
10	0.0	0.0	0.0	0.0	0.0	0.0	1.14	0.23	0.0	0.0	0.0	0.0	0.0														
11	0.0	0.0	0.14	0.0	0.0	0.0	0.0	0.0	0.0	1.65	0.0	0.0	0.0														
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
13	0.0	0.0	0.0	0.04	3.17	0.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
14	0.0	0.0	0.0	0.0	0.0	0.0	0.40	0.0	0.07	1.47	0.0	0.36	0.0														
15	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.18	0.0	0.13														
16	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0														
17	0.0	0.56S	0.11	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.03	0.0	0.0														
18	0.0	0.03S	0.17	0.0	0.0	0.0	0.0	0.0	0.51	0.0	0.0	0.0	0.0														
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.16	0.0	0.49	0.0														
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
21	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0														
22	0.0	0.0	0.0	0.0	0.0	1.71	0.13	0.0	0.0	0.0	0.0	0.0	0.20														
23	0.0	0.27S	0.0	0.0	0.35	0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.01														
24	0.0	0.18	0.0	0.0	0.10	0.0	0.95	0.0	0.0	0.0	0.0	0.0	0.22S														
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.0														
26	0.0	0.0	0.26	0.0	0.72	0.0	0.17	0.11	0.0	0.0	0.0	0.0	0.0														
27	0.0	0.0	0.93	0.28	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.0														
28	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
29	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.45	0.0	0.0														
30	1.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24														
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
TOTAL	2.15	1.71	2.31	0.97	8.02	6.02	1.90	1.69	1.88	1.65	1.50	1.16															
STA AV	0.68	1.11	1.97	2.52	4.63	3.96	3.88	2.92	4.12	2.61	1.69	1.21															

NOTES: Amounts recorded at rain gage B-3 used for current monthly totals and for runoff events. STA AV based on 25 yr (1951-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) STILLWATER, OKLAHOMA WATERSHED W-3												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.202	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1.606	0.0	0.0	0.0	1.053	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.884	0.586	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.324	1.123	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.301	0.105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	2.643	0.0	0.0	0.0	3.0	0.0	0.0
7	0.0	0.0	0.0	0.790	0.0	0.852	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	2.187	0.0	0.0	0.0	0.0	0.0	0.0
9	0.013	0.0	0.873	0.0	0.0	0.372	0.0	0.0	0.0	0.0	0.0	0.0
10	0.001	0.008	0.154	0.0	0.0	3.751	0.0	0.0	0.0	0.0	0.0	0.0
11	0.008	0.0	0.278	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.024	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	6.451	0.366	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.249	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.279	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.255	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.130	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.608	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.019	0.0	0.0	0.723	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.095	0.0	0.0	2.519	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.624	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.045	0.0	0.0	1.192	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	2.480	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.130	0.0	0.229	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	3.360	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.215	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.2045	0.1459	0.1263	0.0263	0.4018	0.3424	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	1.640	1.057	1.013	0.204	3.223	2.657	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.124	0.260	0.707	0.731	1.376	0.822	0.425	0.066	0.706	0.614	0.425	0.224

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.256714.

1975 SELECTED RUNOFF EVENT STILLWATER, OKLAHOMA WATERSHED W-3											
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)	(inches)		
EVENT CP MARCH 27, 1975											
RG 000003			RG 000003								
3-27	0.0	0.0	3-27	535	0.0	0.0	610	0.0	0.0		
				545	0.1800	0.03	611	0.0	0.0		
				555	0.0600	0.04	613	0.363	0.0001		
				600	0.2400	0.06	620	0.412	0.0006		
				605	0.1200	0.07	624	1.383	0.0012		
WATERSHED CONDITIONS:				615	1.6600	0.38	626	2.082	0.0018		
100% of area in native				630	1.0000	0.63	628	2.513	0.0026		
grass; 32% in hay meadow in				640	0.3000	0.68	630	3.928	0.0038		
good condition, 46% in pas-				700	0.1800	0.74	631	5.567	0.0047		
ture in fair condition, and				810	0.1371	0.50	632	6.515	0.0057		
22% in pasture in poor											
condition.				830	0.0900	0.93	633	7.609	0.0070		
							634	7.710	0.0084		
							636	9.053	0.0114		
							637	10.928	0.0132		
							639	11.251	0.0172		
							642	13.420	0.0238		
							646	16.651	0.0347		
							650	20.578	0.0481		
							653	24.671	0.0602		
							656	28.496	0.0746		
							700	30.560	0.0956		
							705	32.114	0.1239		
							714	29.438	0.1737		
							720	26.448	0.2038		
							725	23.927	0.2265		
							730	22.405	0.2473		
							740	19.620	0.2850		
							750	18.036	0.3188		
							800	16.607	0.3500		
							820	14.622	0.4061		

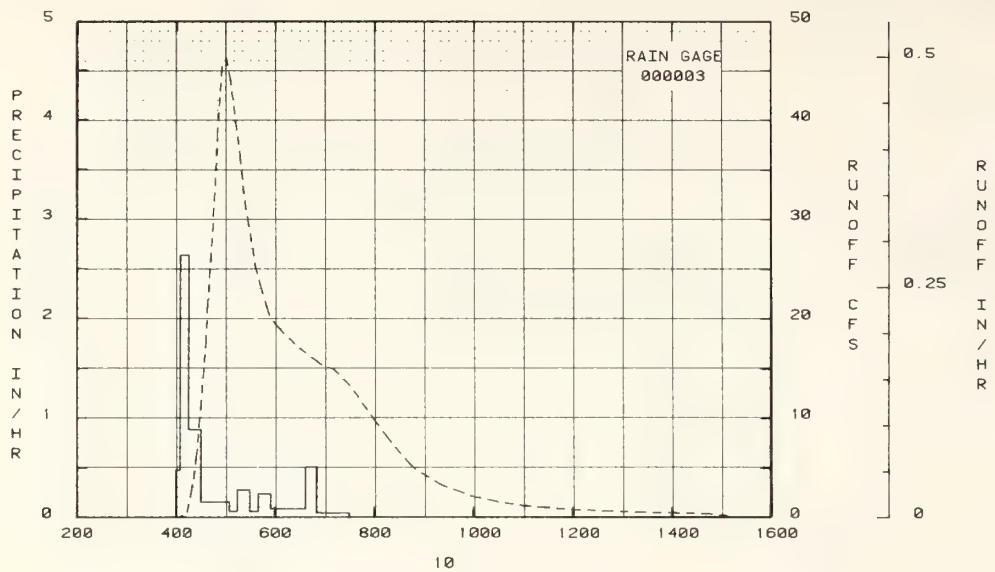
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.01076.





1975 SELECTED RUNOFF EVENT			STILLWATER, OKLAHOMA WATERSHED W-3								
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)	(inches)		
EVENT CP JUNE 10, 1975											
RG 000003			RG 000003								
6-10	0.0	0.000	6-10	400	0.0	6-10	402	0.017	0.0		
				405	0.4799		408	0.155	0.0001		
				415	2.6400		414	0.607	0.0005		
				430	0.8800		419	2.538	0.0019		
				505	0.1543		420	3.266	0.0025		
WATERSHED CONDITIONS: 100% of area in native grass; 32% in hay meadow in good condition, 46% in pas- ture in fair condition, and 22% in pasture in poor condition.				515	0.0601		422	3.921	0.0038		
				530	0.2800		424	5.765	0.0055		
				540	0.0600		426	6.866	0.0078		
				555	0.2401		428	9.266	0.0107		
				637	0.0857		430	11.065	0.0143		
				650	0.5077		433	14.130	0.0211		
				730	0.0450		436	17.548	0.0297		
							438	21.222	0.0366		
							442	25.847	0.0535		
							446	31.858	0.0743		
							450	39.225	0.0998		
							455	45.354	0.1375		
							500	46.243	0.1750		
							506	43.527	0.2274		
							512	39.777	0.2723		
							517	36.266	0.3065		
							523	31.698	0.3431		
							528	29.233	0.3705		
							536	25.245	0.4056		
							545	22.432	0.4482		
							553	20.308	0.4789		
							600	19.470	0.5039		
							610	16.512	0.5380		
							630	16.966	0.6017		
							656	15.332	0.6772		
							710	14.946	0.7153		
							730	13.255	0.7660		
							800	9.796	0.8282		
							820	7.573	0.8594		
							838	5.826	0.8811		
							850	4.818	0.8926		
							858	4.422	0.8992		
							906	4.042	0.9053		
							920	3.328	0.9146		
							940	2.683	0.9254		
							1000	2.113	0.9340		
							1030	1.563	0.9439		
							1100	1.223	0.9514		
							1132	0.952	0.9577		
							1200	0.814	0.9621		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.01076.



EVENT OF JUNE 10, 1975  
STILLWATER, OKLAHOMA WATERSHED W-3

## BIESEL (WACO), TEXAS WATERSHED C

LOCATION: McLennan Co., Texas; 14 mi. ESE of Waco; Brazos River Basin. Lat. 31 deg. 31 min. 11 sec. N.; Long. 96 deg. 53 min. 34 sec. W.

AREA: 579.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)													BIESEL (WACO), TEXAS WATERSHED C						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.53	4.97	2.96	5.40	7.09	2.27	1.20	1.78	4.20	2.19	1.04	1.60	34.43					
	Q	3.654	2.694	0.287	1.990	2.312	0.001	0.0	0.0	0.0	0.0	0.0	0.0	7.939					
STA AV	P	1.96	2.69	2.21	3.93	3.54	3.29	1.79	2.65	3.40	3.38	3.01	2.35	34.64					
	Q	0.515	0.659	0.642	1.063	0.856	0.621	0.205	0.170	0.343	0.507	0.536	0.560	6.715					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		6 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		4-25	1.153	4-29	0.925	4-29	1.279	4-29	1.600	2- 2	1.752	2- 2	2.127	2- 2	2.523	1-30	2.666		
MAXIMUMS FOR PERIOD OF RECORD																			
		3-29	1.580	3-29	1.500	3-29	2.520	3-29	3.550	3-29	3.800	3-29	4.480	9- 7	4.780	4-15	6.760		
		1965		1965		1965		1965		1965		1965		1942		1957			

NOTES: Watershed conditions: 78% pasture; 15% row grain sorghum; 2% fall planted oats; 2% gravel and paved roads; 3% other. Approximately 90% of other is Johnsongrass and weeds in conservation reserve, but neither tilled nor grazed. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 845, p. 42-4-6. Precipitation and runoff records began Feb. 1938; station not in operation July 1943 to Mar. 1, 1944; part-year amounts not included in averages. Precipitation data from Thiessen weighted method using rain gages 5, 14 and 20. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY AIR TEMPERATURE (degrees F)													BIESEL (WACO), TEXAS WATERSHED C	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min		
1	48 42	69 46	70 50	65 45	78 58	79 58	89 70	94 73	94 71	85 59	78 58	55 28		
2	48 41	48 45	78 43	77 48	79 61	81 63	90 70	93 73	93 71	78 49	82 64	54 34		
3	47 38	47 44	65 43	58 31	78 70	84 65	84 71	87 72	95 73	72 47	73 52	67 37		
4	48 30	48 45	45 38	58 34	83 64	85 69	86 70	90 72	96 68	72 47	80 53	65 44		
5	53 34	56 44	47 32	65 42	75 64	90 73	87 71	89 68	91 70	76 50	72 53	72 55		
6	62 34	45 29	54 39	69 54	81 65	91 75	89 71	90 71	89 71	82 52	77 55	77 43		
7	66 37	36 20	76 54	74 57	84 66	91 74	91 73	90 71	90 68	82 54	80 59	55 40		
8	75 51	45 23	67 38	67 53	67 63	91 71	92 74	92 69	87 67	82 57	82 64	51 40		
9	64 44	64 28	60 38	71 57	83 60	89 73	94 75	91 70	88 69	86 58	82 65	61 37		
10	72 46	36 28	64 48	76 57	85 67	90 68	96 76	91 68	87 69	85 69	83 45	65 40		
11	57 36	63 33	54 44	73 51	82 67	84 67	92 72	91 70	93 72	91 66	70 48	74 43		
12	45 31	72 39	73 45	65 45	75 57	79 64	90 76	93 72	92 72	90 68	79 48	74 50		
13	33 16	64 36	67 35	64 46	81 63	88 69	88 67	94 75	90 63	87 68	61 32	77 58		
14	43 23	69 43	45 28	53 50	83 60	91 74	89 67	94 74	72 63	67 66	55 34	72 62		
15	67 33	74 48	54 32	67 43	76 61	91 76	88 68	95 74	82 64	87 65	67 38	60 37		
16	65 35	62 38	61 45	76 51	78 55	89 74	87 67	93 74	88 64	85 59	73 46	42 35		
17	52 40	54 35	57 44	77 55	79 60	92 75	88 71	94 74	84 65	76 48	76 55	55 33		
18	58 52	62 37	64 48	79 67	83 64	93 71	89 72	94 74	87 68	77 48	77 58	51 20		
19	67 53	54 29	65 43	85 47	85 66	92 76	90 74	95 73	93 74	73 48	73 62	35 23		
20	56 25	54 32	77 46	72 50	85 65	92 74	91 74	95 72	92 60	80 48	60 41	45 27		
21	53 30	67 39	75 52	77 54	84 67	92 74	91 72	96 74	77 61	84 53	55 32	61 29		
22	62 37	72 51	75 63	68 59	89 72	87 70	94 74	96 72	70 52	84 55	53 35	52 31		
23	47 43	51 30	81 63	82 63	87 69	91 72	95 72	95 69	74 52	80 59	51 27	51 32		
24	60 44	45 28	83 48	81 68	74 65	90 69	92 73	91 72	78 54	84 56	55 30	53 35		
25	64 40	55 35	70 44	87 70	75 55	89 72	91 75	89 73	80 48	82 51	57 26	42 36		
26	77 42	77 40	79 48	85 72	83 63	80 71	91 73	93 73	73 50	53 48	61 30	43 31		
27	72 42	67 45	73 49	85 70	86 68	89 69	93 73	93 70	78 53	61 50	45 25	59 33		
28	80 57	66 44	84 60	84 64	86 67	79 68	95 74	97 65	81 55	70 56	61 33	66 35		
29	75 64		60 39	70 63	78 67	85 67	98 73	99 70	84 58	77 56	76 54	65 40		
30	76 57		40 33	83 60	75 62	89 70	96 73	91 70	86 57	72 52	79 45	46 41		
31	77 65		55 33		72 57		94 73	93 70		71 60		53 34		
AV.	60 41	58 37	66 44	73 54	81 64	88 70	91 72	93 72	85 63	79 56	70 46	59 38		
MEAN	50.7	47.5	54.8	63.7	72.4	79.1	81.6	82.3	74.3	67.4	57.9	48.4		
STA AV	58 38	62 40	69 47	77 56	83 63	89 70	93 72	93 72	88 66	81 57	68 46	61 35		

NOTES: Temperature data taken daily with maximum and minimum thermometers. Readings were taken at 0800 of the day shown. STA AV based on 37 yr (1939-75) period.



1975	DAILY PRECIPITATION (inches)					EISEL (WACO), TEXAS				WATFESHED C		
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.62	0.0	0.0	0.0	0.0	0.25	0.32	0.0	0.0	0.0	0.0
2	0.45	2.53	0.0	0.0	0.0	0.0	0.12E	0.75	0.0	0.0	0.68	0.0
3	0.0	0.53	0.11E	0.0	0.15	0.0	0.0	0.01E	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.08E	0.0	0.11E	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.65	0.0	0.0	0.0	0.0	0.72	0.0	0.0	0.0
9	0.32	0.0	0.17E	0.0	0.0	0.0	0.0	0.0	0.58	0.0	0.0	0.0
10	0.0	0.0	0.0	0.27E	0.0	0.14E	0.0	0.0	0.0	0.0	0.0	0.0
11	0.50S	0.0	0.0	0.0	0.28E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.26S	0.0	0.0	0.0	0.0	0.0	0.21E	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.97	0.57	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.13E
15	0.0	0.0	0.0	0.0	0.14E	0.0	0.0	0.0	0.25	0.0	0.0	0.0
16	0.0	0.0	0.47	0.0	0.0	0.0	0.0	0.0	1.29	0.0	0.0	0.0
17	0.0	0.22E	0.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.0	0.22	0.0
20	0.0	0.0	0.0	0.0	0.74	0.0	0.0	0.0	1.27	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09E	0.0	0.0	0.0
22	0.0	0.05E	0.0	0.0	0.0	0.0	0.29E	0.02E	0.0	0.44	0.0	0.0
23	0.0	0.12E	0.0	0.0	1.87	0.0	0.0	0.0	0.0	0.37	0.0	0.0
24	0.0	0.0	0.0	0.0	1.52	0.0	0.0	0.0	0.0	0.80	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.58	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	1.01	0.0	0.0	0.0	0.0	0.0	1.47
27	0.0	0.0	0.0	0.0	0.0	0.40	0.0	0.64	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	1.17	0.95	0.21E	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	2.31	0.82	0.0	0.22E	0.0	0.0	0.0	0.0	0.0
30	0.0	0.11E	0.0	0.0	0.0	0.51E	0.0	0.0	0.0	0.0	0.14E	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	1.53	4.07	2.06	5.40	7.09	2.27	1.20	1.78	4.20	2.19	1.04	1.60
STA AV	1.99	2.69	2.21	3.93	3.54	3.29	1.79	2.65	3.40	3.38	3.01	2.35

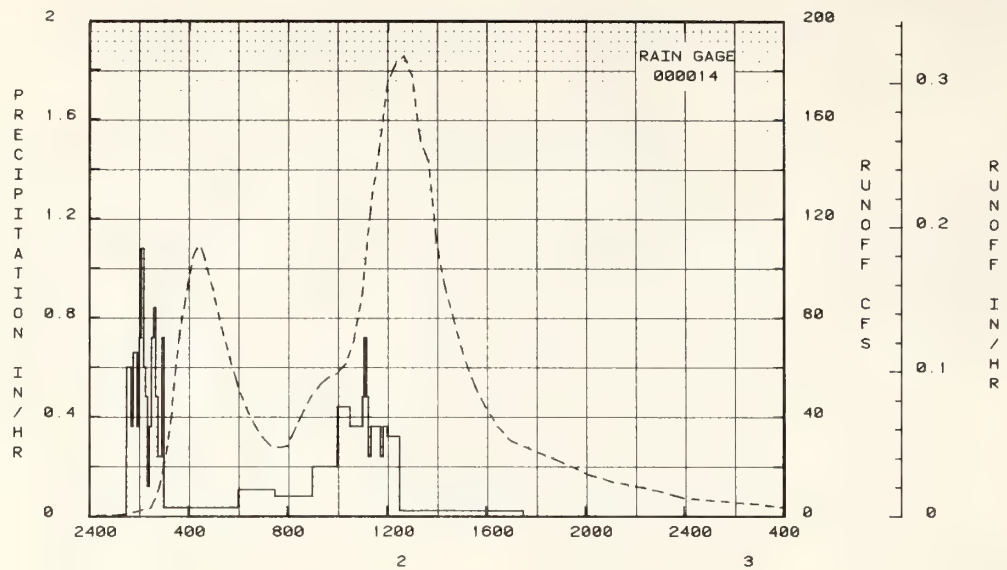
NOTES: Precipitation values are Thiessen weighted average of rain gages 5, 14, and 20. Records began Feb. 1938; station not in operation July 1943 to Mar. 1, 1949; part-year amounts not included in averages. STA AV based on 30 yr period. Estimate codes may indicate that non-significant event totals are included.

1975	MEAN DAILY DISCHARGE (cfs)					EISEL (WACO), TEXAS				WATFESHED C		
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.235	0.017	0.0	0.0	0.222	0.028	0.0	0.0	0.0	0.0	0.0	0.0
2	2.883	51.250	0.0	0.0	0.050	0.006	0.0	0.0	0.0	0.0	0.0	0.0
3	1.314	8.722	0.0 T	0.0	0.022	0.001	0.0	0.0	0.0	0.0	0.0	0.0
4	0.284	4.576	0.001	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.106	0.648	0.001	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.050	0.179	0.001	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.033	0.055	0.001	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.025	0.031	0.0	1.808	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.024	0.018	0.003	0.169	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.664	0.010	0.003	0.042	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.791	0.006	0.002	0.018	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	8.721	0.003	0.002	0.007	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.312	0.001	4.103	0.267	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.169	0.001	0.245	0.576	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.080	0.001	0.054	0.095	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.045	0.002	1.043	0.031	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.036	0.003	0.281	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.035	0.001	1.017	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.025	0.0	0.153	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.016	0.0 T	0.045	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.011	0.0 T	0.019	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.008	0.001	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.005	0.001	0.005	0.0	3.666	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.006	0.0 T	0.0	0.0	25.857	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.006	0.0	0.0	0.0	1.774	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.004	0.0 T	0.0	0.0	0.160	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.005	0.0 T	0.0	0.0	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.006	0.0	0.0	2.960	9.057	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.005	0.0	0.0	38.377	14.245	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.003	0.0	0.0	4.038	0.965	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.002	0.0	0.0	0.0	0.145	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.513E	2.3403	0.2256	1.6136	1.8141	0.0012	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.654	2.694	0.287	1.990	2.312	0.001	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.515	0.659	0.642	1.063	0.896	0.621	0.205	0.170	0.343	0.507	0.536	0.560

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.041108. Records began Feb. 1938; station not in operation July 1943 to Mar. 1, 1949; part-year amounts not included in averages. STA AV based on 30 yr period.

1975 SELECTED EUNCFP EVENT			BIESSEL (WACC), TEXAS			WATERSHED C		
ANTECEDENT CONDITIONS			RAINFALL			EUNCFP		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(inches)
EVENT OF FEBRUARY 2 - 3, 1975								
EG 000014			EG 000014					
2- 2	0.0	0.000	2- 2	130	0.0	2- 2	19	0.258
				135	0.6000		39	0.358
				140	0.6000		109	0.554
				145	0.3600		129	1.035
				155	0.6600		149	1.724
WATERSHED CONDITIONS: 78% pasture; 15% row grain sorghum; 2% fall planted oats; 2% gravel and paved roads; 3% other. Approx. 90% of other is Johnson- grass and weeds in Conser- vation reserve, neither tilled nor grazed.				200	0.3600		209	2.678
				205	0.7200		229	3.314
				210	1.0800		239	7.154
				215	0.6000		249	11.483
				220	0.4800		255	19.208
				225	0.1200		305	28.205
				230	0.3600		319	41.685
				235	0.7200		329	60.759
				240	0.8400		339	74.945
				245	0.4800		349	85.076
				250	0.2400		359	95.100
				255	0.2400		409	104.132
				300	0.7200		419	108.153
				600	0.0333		425	108.153
				730	0.1667		439	102.969
				900	0.0800		459	50.809
				1000	0.2000		519	75.731
				1030	0.4400		539	63.869
				1100	0.3600		559	52.345
				1105	0.4800		619	43.656
				1110	0.7200		639	36.931
				1115	0.4800		659	31.418
				1120	0.2400		719	28.331
				1125	0.3600		739	27.551
				1130	0.3600		759	28.331
				1140	0.3600		819	35.415
				1145	0.3600		839	42.750
				1150	0.2400		859	48.936
				1155	0.3600		919	53.249
				1200	0.3600		939	56.032
				1230	0.3200		959	57.518
				1730	0.0220		1019	61.247
							1039	70.855
							1059	89.462
							1119	124.906
							1139	147.412
							1159	174.763
							1219	182.956
							1239	185.753
							1259	177.160
							1319	151.058
							1339	142.777
							1359	110.093
							1415	92.936
							1439	80.302
							1459	68.020
							1519	58.163
							1539	49.853
							1559	43.482
							1629	35.865
							1659	30.207
							1909	21.118
							2009	16.567
							2109	13.539
							2209	11.808
							2309	9.556
							2400	7.131
							300	4.651
							600	3.470

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001712.



EVENT OF FEBRUARY 2 - 3, 1975  
 RIESEL (WACO), TEXAS WATERSHED C

## RIESEL (WACO), TEXAS WATERSHED D

LOCATION: McLennan Co., Texas; 14 mi. ESE of Waco; Brazos River Basin. Lat. 31 deg. 30 min. 38 sec. N.; Long. 96 deg. 53 min. 22 sec. W.

AREA: 1110.00 acres 1.73 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										RIESEL (WACO), TEXAS		WATERSHED D							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.53	3.98	2.01	5.16	6.83	2.07	1.26	1.81	4.24	2.15	1.03	1.76	33.83					
	Q	0.487	2.644	0.186	1.665	2.278	0.001	0.0	0.0	0.000	0.0	0.0	0.0	7.261					
STA AV	P	2.05	2.67	2.27	3.90	3.85	3.34	1.80	2.55	3.35	3.23	2.94	2.36	34.32					
	Q	0.524	0.637	0.666	1.086	0.973	0.626	0.221	0.189	0.342	0.508	0.523	0.544	6.838					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		4-25	0.833	4-29	0.763	4-25	1.116	4-29	1.427	2- 2	1.865	2- 2	2.166	2- 2	2.514	1-30	2.637		
MAXIMUMS FOR PERIOD OF RECORD																			
		3-25	2.110	3-29	1.930	3-29	3.150	3-29	4.590	3-29	4.880	3-29	5.630	3-25	5.690	4-19	5.660		
		1965		1965		1965		1965		1965		1965		1965		1957			

NOTES: Watershed conditions: 75% pasture; 12% row grain sorghum; 5% fall planted oats; 2% gravel and paved roads; 6% other. Approximately 90% of other is Johnsongrass and weeds in conservation reserve, but neither tilled nor grazed. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 42.4-6. Precipitation and runoff records began Dec. 1937; station not in operation July 1943 to Mar. 1, 1949; part-year amounts not included in averages. Precipitation data from Thiessen method using rain gages 5, 14, 20 and 26A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975		DAILY PRECIPITATION (inches)					RIESEL (WACC), TEXAS				WATERSHED L		
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.64	0.0	0.0	0.0	0.0	0.21E	0.27	0.0	0.0	0.0	0.0	
2	0.46	2.43	0.0	0.0	0.0	0.0	0.10E	0.89	0.0	0.0	0.65	0.0	
3	0.0	0.52	0.12E	0.0	0.08	0.0	0.0	0.01E	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.05E	0.0	0.06E	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.33	0.0	0.0	0.0	0.0	0.0 E	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.68	0.0	0.0	0.0	0.0	0.69	0.0	0.0	0.0	
9	0.32	0.0	0.16E	0.0 E	0.0	0.0	0.0	0.0 E	0.76	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.24E	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.50E	0.0	0.0	0.0	0.24E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.34E	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.59	0.54	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.18E	
15	0.0	0.0	0.0	0.0	0.14E	0.0	0.0	0.0	0.30	0.0	0.0	0.0	
16	0.0	0.0	0.39E	0.0	0.0	0.0	0.0	0.0	1.16	0.0	0.0	0.0	
17	0.0	0.21E	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.0	0.23	0.0	
20	0.0	0.0	0.0	0.0	0.71	0.0	0.0	0.0	1.23	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10E	0.0	0.0	0.0	
22	0.0	0.04E	0.0	0.0	0.0	0.0	0.30E	0.03E	0.0	0.45	0.0	0.0	
23	0.0	0.14E	0.0	0.0	1.85	0.0	0.0	0.0	0.0	0.36	0.0	0.0	
24	0.0	0.0	0.0	0.0	1.35	0.0	0.0	0.0	0.0	0.75	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.59	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.02	1.03	0.0	0.0	0.0	0.0	0.0	1.58	
27	0.0	0.0	0.0	0.0	0.0 T	0.37	0.0	0.61	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	1.23	0.95	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	2.14	0.84	0.0	0.25E	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.13E	0.0	0.0	0.36E	0.0	0.0	0.0	0.0	0.15E	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.53	3.98	2.01	5.16	6.83	2.07	1.26	1.81	4.24	2.15	1.03	1.76	
STA AV	2.05	2.67	2.27	3.90	3.85	3.34	1.80	2.55	3.35	3.23	2.94	2.36	

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 5, 14, 20, and 26A. Records began Dec. 1937; station not in operation July 1943 to Mar. 1, 1949; part-year amounts not included in averages. STA AV based on 31 yr period. Estimate codes may indicate that non-significant event totals are included.



1975 MEAN DAILY DISCHARGE (cfs)													BIESEL (WACC), TEXAS WATERSHED I	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.280	0.016	0.0	0.0	0.467	0.044	0.0	0.0	0.0	0.0	0.0	0.0		
2	4.111	99.906	0.0	0.0	0.271	0.008	0.0	0.0	0.0	0.0	0.0	0.0		
3	1.874	14.774	0.0	0.0	0.118	0.001	0.0	0.0	0.0	0.0	0.0	0.0		
4	0.327	7.187	0.0	0.0	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.129	0.970	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.063	0.252	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.044	0.073	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	0.032	0.053	0.0	1.586	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.034	0.032	0.0	0.143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	0.777	0.009	0.0	0.036	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	1.020	0.005	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	13.022	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.489	0.0	5.848	0.152	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.220	0.0	0.353	0.552	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.097	0.004	0.108	0.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.056	0.006	0.286	0.024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.040	0.002	0.810	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.037	0.002	1.027	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.035	0.0	0.153	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.008	0.0	0.036	0.0	0.0	0.0	0.0	0.0	0.022	0.0	0.0	0.0		
21	0.005	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	0.004	0.0	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.001	0.004	0.007	0.0	4.556	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	0.003	0.0	0.001	0.0	54.404	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	0.002	0.0	0.0	0.0	2.844	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.228	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.049	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	2.856	13.132	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.001	0.0	65.085	28.417	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.001	0.0	7.088	1.497	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.001	0.0	0.0	0.211	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
MEAN	0.7325	4.4034	0.2751	2.5680	3.4275	0.0018	0.0	0.0	0.0007	0.0	0.0	0.0		
INCHES	0.487	2.644	0.186	1.665	2.278	0.001	0.0	0.0	0.000	0.0	0.0	0.0		
STA AV	0.524	0.637	0.666	1.086	0.573	0.626	0.221	0.189	0.342	0.508	0.523	0.544		

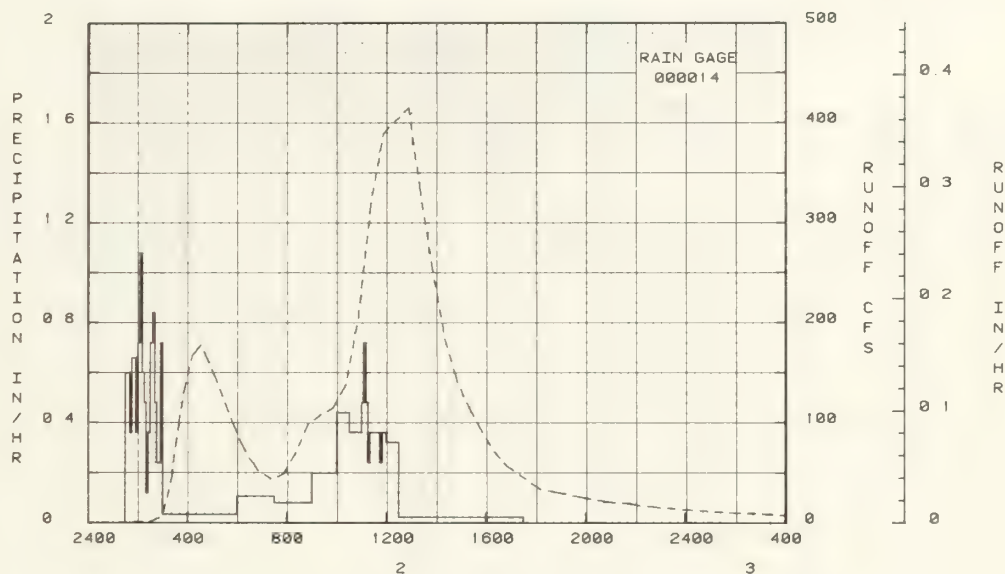
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.021443. Records began Dec. 1937; station not in operation July 1943 to Mar. 1, 1949; part-year amounts not included in averages. STA AV based on 31 yr period.

1975 SELECTED RUNOFF EVENT						BIESEL (WACO), TEXAS WATERSHED D					
ANTECEDENT CONDITIONS			FAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2 - 3, 1975											
RG 000014			RG 000014								
2- 2	0.0	0.000	2- 2	130	0.0	0.0	2- 2	35	0.224	0.0	
				135	0.6000	0.05		112	0.333	0.0002	
				140	0.6000	0.10		132	0.486	0.0003	
				145	0.3600	0.13		152	0.800	0.0005	
				155	0.6600	0.24		212	1.058	0.0007	
WATERSHED CONDITIONS:											
75% pasture; 12% row grain				200	0.3600	0.27		232	1.995	0.0012	
sorghum; 5% fall planted				205	0.7200	0.33		252	5.223	0.0023	
oats; 2% gravel and paved				210	1.0600	0.42		302	11.481	0.0035	
roads; 6% other. Approx.				215	0.6000	0.47		312	26.021	0.0063	
90% of other is Johnson-				220	0.4600	0.51		322	46.000	0.0117	
grass and weeds in conserva-											
tion reserve, neither				225	0.1200	0.52		332	78.000	0.0209	
tilled nor grazed.				230	0.3600	0.55		342	107.500	0.0347	
				235	0.7200	0.61		352	133.000	0.0526	
				240	0.8400	0.66		412	168.000	0.0974	
				245	0.4800	0.72		432	178.000	0.1489	
				250	0.2400	0.74		452	160.000	0.1993	
				255	0.2400	0.76		512	140.000	0.2439	
				300	0.7200	0.62		532	118.000	0.2824	
				600	0.0333	0.52		552	57.500	0.3145	
				730	0.1067	1.08		612	76.000	0.3406	
				900	0.0800	1.20		632	63.000	0.3616	
				1000	0.2000	1.40		652	52.000	0.3787	
				1030	0.4400	1.62		722	43.500	0.4000	
				1100	0.3600	1.80		752	49.000	0.4207	
				1105	0.4600	1.64		822	70.000	0.4473	
				1110	0.7200	1.50		852	99.000	0.4850	
				1115	0.4600	1.54		922	108.000	0.5313	
				1120	0.2400	1.56		952	115.000	0.5811	
				1125	0.3600	1.95		1022	138.000	0.6376	
				1130	0.3600	2.02		1052	205.000	0.7142	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000853.

1975 SELECTED FURCFF EVENT			RIESEL (WACC), TEXAS WATERSHED D								
ANTECEDENT CONDITIONS			RAINFALL			FURCFF					
Date	Rainfall	Furcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2 - 3, 1975 (CONTINUED)											
2- 2			1140		0.3600	2.06	2- 2	1122	320.000	0.8315	
			1145		0.3600	2.11		1152	385.955	0.5901	
			1150		0.2400	2.13		1252	415.000	1.3497	
			1155		0.3600	2.16		1322	327.500	1.5155	
			1200		0.3600	2.19		1352	250.000	1.6445	
			1230		0.3200	2.35		1422	162.500	1.7411	
			1730		0.0220	2.46		1452	140.000	1.8131	
								1522	113.000	1.8697	
								1552	50.000	1.9150	
								1622	70.000	1.5507	
								1652	56.000	1.5789	
								1722	47.500	2.0020	
								1752	38.500	2.0212	
								1812	33.000	2.0319	
								1842	30.807	2.0461	
								1912	28.458	2.0593	
								1942	25.900	2.0715	
								2012	23.509	2.0825	
								2042	21.130	2.0925	
								2112	20.011	2.1017	
								2142	18.753	2.1104	
								2212	17.005	2.1164	
								2242	15.718	2.1257	
								2400	12.678	2.1422	
							2- 3	112	10.711	2.1547	
								212	9.372	2.1637	
								312	6.264	2.1715	
								412	7.234	2.1785	
								512	6.261	2.1845	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000895.



EVENT OF FEBRUARY 2 - 3, 1975  
RIESEL (WACC), TEXAS WATERSHED D

BIESEL (WACO), TEXAS WATERSHED G

LOCATION: McLennan and Falls Counties, Texas; 16 mi. S.E. of Waco; Brazos River Basin. Lat. 31 deg. 28 min. 59 sec. N.; Long. 96 deg. 52 min. 06 sec. W.

AREA: 4380.00 acres 6.84 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										BIESEL (WACO), TEXAS WATERSHED G									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.56	3.72	1.80	4.05	7.23	2.32	1.56	1.64	3.93	2.02	1.43	1.64	32.90					
	Q	0.459	2.371	0.178	0.725	2.055	0.064	0.000	0.0	0.0	0.0	0.0	0.0	5.932					
STA AV	P	2.23	2.74	2.24	3.63	3.51	3.95	2.07	2.88	3.57	3.47	2.97	2.59	35.85					
	Q	0.736	0.772	0.736	0.758	0.720	0.927	0.247	0.154	0.356	0.467	0.579	0.605	7.056					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2- 2	0.306	2- 2	0.296	2- 2	0.563	2- 2	1.29E	2- 2	1.69E	2- 2	1.874	2- 2	2.206	2- 1	2.346		
MAXIMUMS FOR PERIOD OF RECORD																			
		3-25	0.950	3-29	0.910	3-29	1.720	3-29	3.390	3-29	3.940	3-29	4.030	3-29	4.740	11-22	4.820		
		1965		1965		1965		1965		1965		1965		1965		1940			

NOTES: Watershed conditions: 47% pasture; 1% tilled, but not planted; 2% cotton; 4% corn; 7% fall planted small grain, largely oats; 17% sorghum; 2% gravel and paved roads; 20% other. Approximately 90% of other is Johnsongrass and weeds in conservation reserve, but neither tilled nor grazed. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 42.4-6. Precipitation and runoff records began Jan. 1938; station not in operation July 1943 to July 1, 1957; part-year amounts not included in averages. Precipitation data from Thiessen method using rain gages 5, 14, 20, 26A, 30A, 43A, 43A, 56A, 65A, 70, 74A, 84A, and 89. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													BIESEL (WACO), TEXAS WATERSHED G	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.50	0.0	0.0	0.0	0.0	0.14E	0.31	0.0 E	0.0	0.0	0.0		
2	0.47	2.35	0.0	0.0	0.0	0.0	0.04E	0.72	0.0	0.0	0.88	0.0		
3	0.0	0.52	0.10E	0.0	0.02	0.0	0.0	0.06E	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.10E	0.0	0.07E	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.31	0.0	0.0	0.0	0.0	0.08E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.5E	0.0	0.0	0.0	0.0	0.46E	0.0	0.0	0.0		
9	0.31	0.0	0.16E	0.02E	0.0	0.0	0.0	0.03E	0.87	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.17E	0.0	0.14E	0.0	0.0	0.0	0.0	0.0	0.01E		
11	0.51E	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.27E	0.0	0.0	0.0	0.0	0.0	0.25E	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.99	0.45	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.14E		
15	0.0	0.0	0.0	0.0	0.14E	0.0	0.0	0.0	0.24	0.0	0.0	0.0		
16	0.0	0.0	0.24E	0.0	0.0	0.0	0.0	0.0	1.05	0.0	0.0	0.0		
17	0.0	0.18E	0.21E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.38	0.0	0.0	0.0	0.0	0.0	0.25	0.0		
20	0.0	0.0	0.0	0.0	0.61	0.0	0.0	0.0	1.05	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.18E	0.0	0.0	0.0		
22	0.0	0.02E	0.0	0.0	0.0	0.0	0.80E	0.03E	0.0	0.50	0.0	0.0		
23	0.0	0.15E	0.0	0.0	1.89	0.0	0.05E	0.0	0.0	0.30	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.60	0.0	0.0	0.0	0.0	0.46	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	0.76	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.21	1.21	0.0	0.0	0.0	0.0	0.0	1.49		
27	0.0	0.0	0.0	0.0	0.07	0.49	0.0	0.45	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	1.03	0.92	0.35E	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	1.49	0.88	0.0	0.21E	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.10E	0.0	0.0	0.10E	0.0	0.0	0.0	0.0	0.30E	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.56	3.72	1.80	4.05	7.23	2.32	1.56	1.64	3.93	2.02	1.43	1.64		
STA AV	2.23	2.74	2.24	3.63	3.51	3.95	2.07	2.88	3.57	3.47	2.97	2.59		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 5, 14, 20, 26A, 30A, 43A, 48A, 56A, 65A, 70, 74A, 84A, and 89. Records began Jan. 1938; station not in operation July 1943 to July 1, 1957; part-year amounts not included in averages. STA AV based on 23 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) BIESEL (WACO), TEXAS WATERSHED G												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.38	0.37	0.06	0.02	2.39	0.62	0.01	0.0	0.0	0.0	0.0	0.0
2	18.48	337.75	0.06	0.02	0.52	0.29	0.00	0.0	0.0	0.0	0.0	0.0
3	10.79	50.55	0.05	0.01	0.26	0.19	0.0	0.0	0.0	0.0	0.0	0.0
4	2.36	34.41	0.05	0.01	0.15	0.11	0.0	0.0	0.0	0.0	0.0	0.0
5	1.15	5.74	0.05	0.01	0.10	0.07	0.0	0.0	0.0	0.0	0.0	0.0
6	0.66	2.12	0.06	0.01	0.09	0.04	0.0	0.0	0.0	0.0	0.0	0.0
7	0.53	0.97	0.06	0.01	0.06	0.02	0.0	0.0	0.0	0.0	0.0	0.0
8	0.50	0.70	0.06	0.01	0.05	0.00	0.0	0.0	0.0	0.0	0.0	0.0
9	0.43	0.51	0.06	0.02	0.04	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0
10	4.47	0.38	0.07	0.16	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	3.88	0.30	0.07	0.08	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	33.99	0.24	0.07	0.04	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	3.10	0.19	20.27	0.06	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.31	0.16	2.56	0.70	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	1.05	0.16	0.79	0.36	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.78	0.31	1.65	0.10	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.74	0.26	1.20	0.05	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.67	0.18	3.40	0.03	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.60	0.11	1.03	0.02	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.46	0.09	0.36	0.00	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.39	0.09	0.20	0.0 T	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.36	0.10	0.14	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.34	0.16	0.12	0.0	3.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.35	0.14	0.07	0.0	204.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.36	0.09	0.04	0.0	20.22	0.06	0.0	0.0	0.0	0.0	0.0	0.0
26	0.36	0.08	0.03	0.0	2.33	0.58	0.0	0.0	0.0	0.0	0.0	0.0
27	0.34	0.07	0.03	0.0	0.62	5.48	0.0	0.0	0.0	0.0	0.0	0.0
28	0.32	0.06	0.03	2.65	25.30	2.67	0.0	0.0	0.0	0.0	0.0	0.0
29	0.27		0.02	48.04	106.44	1.34	0.0	0.0	0.0	0.0	0.0	0.0
30	0.23		0.02	78.32	5.89	0.08	0.0	0.0	0.0	0.0	0.0	0.0
31	0.23		0.02		2.57		0.0	0.0		0.0		0.0
MEAN	2.965	15.582	1.056	4.445	12.438	0.391	0.000	0.0	0.0	0.0	0.0	0.0
INCHES	0.495	2.371	0.178	0.725	2.095	0.064	0.000	0.0	0.0	0.0	0.0	0.0
STA AV	0.736	0.772	0.736	0.758	0.720	0.527	0.247	0.154	0.356	0.467	0.575	0.605

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.005434. Records began Jan. 1938; station not in operation July 1943 to July 1, 1957; part-year amounts not included in averages. STA AV based on 23 yr period.

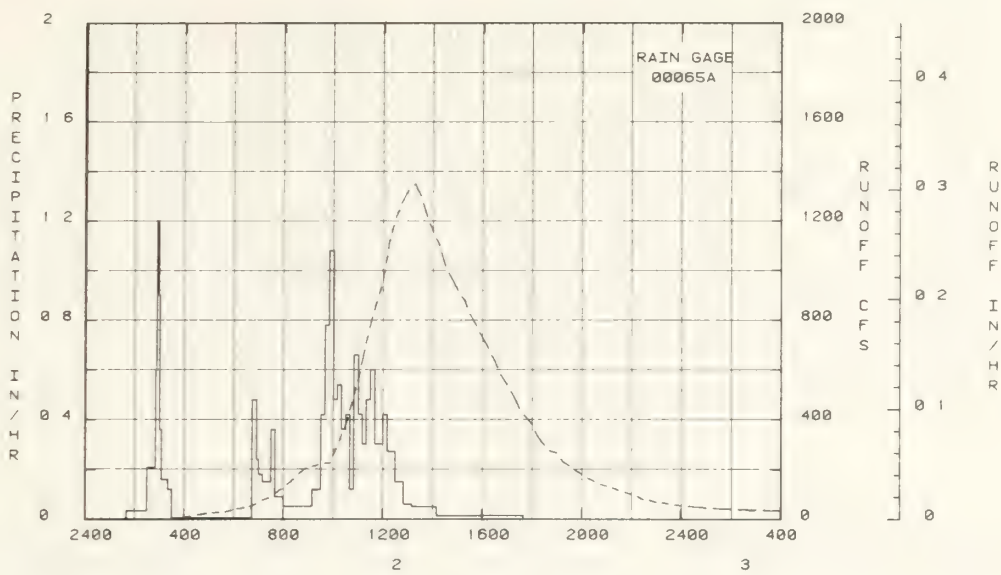
1975 SELECTED RUNOFF EVENT BIESEL (WACO), TEXAS WATERSHED G												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 2 - 3, 1975												
BG 00065A												
2- 2	0.0	0.000	2- 2	140	0.0	0.0	2- 2	100	0.604	0.0		
				230	0.0360	0.03		200	0.751	0.0002		
				250	0.2100	0.10		300	1.256	0.0004		
				252	0.6000	0.12		315	1.655	0.0005		
				256	1.2000	0.20		330	4.048	0.0006		
WATERSHED CONDITIONS: 47% pasture; 1% tilled, but not planted; 2% cotton; 4% corn; 7% fall planted oats; 17% sorghum; 2% gravel and paved roads; 20% other. Approx. 50% of other is John- songrass and weeds in conser- vation reserve, neither tilled nor grazed.				300	0.9000	0.26		345	6.608	0.0009		
				305	0.3600	0.29		400	10.253	0.0014		
				320	0.1600	0.33		415	13.342	0.0021		
				330	0.1200	0.35		455	25.000	0.0050		
				645	0.0062	0.37		510	28.000	0.0065		
				650	0.4800	0.41		525	30.000	0.0081		
				655	0.4600	0.45		540	32.000	0.0058		
				700	0.2400	0.47		555	37.000	0.0118		
				710	0.1800	0.50		610	43.000	0.0141		
				730	0.1500	0.55		625	48.000	0.0166		
				740	0.3600	0.61		640	54.000	0.0195		
				800	0.0900	0.64		655	63.000	0.0228		
				910	0.0514	0.70		710	77.000	0.0268		
				930	0.1200	0.74		725	88.000	0.0315		
				940	0.4200	0.81		740	104.000	0.0369		
				950	0.7600	0.94		755	122.000	0.0433		
				1000	1.0800	1.12		810	142.000	0.0508		
				1010	0.4800	1.20		825	162.000	0.0594		
				1020	0.5400	1.25		840	188.000	0.0693		
				1030	0.3600	1.35		855	205.000	0.0804		
				1040	0.4200	1.42		910	213.000	0.0922		
				1050	0.1200	1.44		925	220.000	0.1045		
				1100	0.6600	1.55		940	225.000	0.1171		
				1110	0.4200	1.62		955	228.000	0.1299		
				1120	0.3000	1.67		1000	258.000	0.1345		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0002264.



1975 SELECTED RUNOFF EVENT			FIESEL (WACO), TEXAS WATERSHED G					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF		
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day
								Rate
								(cfs)
								Acc.
								(inches)
EVENT OF FEBRUARY 2 - 3, 1975 (CONTINUED)								
2- 2				1130	0.4800	1.75	2- 2	1015
				1140	0.6000	1.85		314.000
				1150	0.3000	1.50		380.000
				1200	0.3000	1.95		470.000
				1210	0.4200	2.02		563.000
								660.000
				1230	0.2700	2.11		765.000
				1250	0.1500	2.16		877.000
				1310	0.0600	2.18		970.000
				1410	0.0500	2.23		1125.000
				1540	0.0133	2.25		1215.000
								1280.000
				1740	0.0150	2.28		1325.000
								1350.000
								1300.000
								1300.000
								1215.000
								1155.000
								1100.000
								1015.000
								965.000
								920.000
								880.000
								822.000
								777.000
								728.000
								685.959
								635.000
								560.000
								537.999
								456.999
								443.000
								409.958
								380.000
								327.999
								295.000
								271.000
								265.000
								230.000
								213.000
								195.000
								180.000
								164.000
								152.000
								140.000
								132.000
								126.000
								115.000
								108.000
								100.000
								92.000
								78.000
								75.000
								68.000
								65.000
								61.000
								57.000
								54.000
								49.000
								45.000
								42.000
								40.000
								37.000
								35.500
								34.200
								32.900
								32.100
								31.600
								31.000
								30.500

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0002264.



EVENT OF FEBRUARY 2 - 3, 1975  
 RIESEL (WACC), TEXAS WATERSHED G

LOCATION: Falls Co., Texas; 19 mi. SE of Waco; Brazos River Basin. Lat. 31 deg. 27 min. 27 sec. N.; Long. 96 deg. 52 min. 48 sec. W.

AREA: 174.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														RIESEL (WACO), TEXAS WATERSHED W-1	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	1.52	3.46	1.52	2.80	7.50	3.38	0.95	1.43	2.83	1.99	1.52	1.53	30.83	
	Q	0.658	2.548	0.476	0.240	5.762	0.116	0.016	0.003	0.0	0.0	0.0	0.053	9.513	
STA AV	P	2.25	2.64	2.52	3.91	4.20	3.33	1.79	2.26	2.79	3.00	2.56	2.56	34.22	
	Q	0.553	0.639	0.754	0.999	1.244	0.663	0.120	0.090	0.224	0.324	0.452	0.518	6.560	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-24	1.069	5-24	0.957	5-24	1.657	5-23	2.540	5-23	2.586	5-23	5.091	5-23	5.127
MAXIMUMS FOR PERIOD OF RECORD															
		5-1	4.510	5-1	2.990	5-1	5.570	5-1	6.910	5-1	6.920	5-1	7.050	4-30	5.200
		1944		1944		1944		1944		1944		1944		1944	

NOTES: Watershed conditions: 11% oats; 66% pasture; 3% roads. Area reported as 174 acres beginning 1965. Previously reported as 176 acres prior publications. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1963, USDA Misc. pub. 1164, p. 42.6-6 (Revised). Precipitation and runoff records began July 1937; part-year amounts not included in averages. Precipitation data from Thiessen method using rain gages 75A, 89, W-2, W-2A and W-5A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)														RIESEL (WACO), TEXAS WATERSHED W-1	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.29	0.0	0.0	0.0	0.0	0.10E	0.38	0.0	0.0	0.0	0.0			
2	0.48	2.48	0.0	0.0	0.0	0.0	0.0	0.43	0.0	0.0	1.20	0.0			
3	0.0	0.30	0.07E	0.0	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0			
4	0.0	0.0	0.0	0.0	0.08E	0.0	0.07E	0.0	0.0	0.0	0.0	0.0			
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7	0.0	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0			
8	0.0	0.0	0.0	0.36	0.0	0.0	0.0	0.0	0.13E	0.0	0.0	0.0			
9	0.25	0.0	0.13E	0.07E	0.0	0.0	0.0	0.04E	0.77	0.0	0.0	0.0			
10	0.0	0.0	0.0	0.06E	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.0			
11	0.50S	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	0.29E	0.0	0.0	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.0			
13	0.0	0.0	1.00	0.34	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
15	0.0	0.0	0.0	0.0	0.12E	0.0	0.0	0.0	0.32	0.0	0.0	0.0			
16	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.64	0.0	0.0	0.0			
17	0.0	0.24E	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
19	0.0	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.18	0.0			
20	0.0	0.0	0.0	0.0	0.48	0.0	0.0	0.0	0.78	0.0	0.0	0.0			
21	0.0	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.16	0.0	0.0	0.0			
22	0.0	0.0	0.0	0.0	0.0	0.0	0.34	0.07E	0.0	0.46	0.0	0.0			
23	0.0	0.15E	0.0	0.0	2.22	0.01E	0.06E	0.0	0.0	0.38	0.0	0.0			
24	0.0	0.0	0.0	0.0	2.07	0.0	0.0	0.0	0.0	0.34	0.0	0.0			
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.81	0.0	0.0			
26	0.0	0.0	0.0	0.0	0.0	1.97	0.0	0.0	0.0	0.0	0.0	1.45			
27	0.0	0.0	0.0	0.0	0.0	0.61	0.0	0.33	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.0	0.68	0.67	0.59	0.0	0.0	0.0	0.0	0.0	0.0			
29	0.0	0.0	0.0	1.03	0.54	0.0	0.11E	0.0	0.0	0.0	0.0	0.0			
30	0.0	0.0	0.05E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.54	0.0			
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
TOTAL	1.52	3.46	1.52	2.80	7.50	3.38	0.95	1.43	2.83	1.99	1.92	1.53			
STA AV	2.25	2.64	2.52	3.91	4.20	3.33	1.79	2.26	2.79	3.00	2.96	2.56			

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 75A, 89, W-2, W-2A, and W-5A. Records began July 1937; part-year amounts not included in averages. STA AV based on 38 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) BIESEL (WACC), TEXAS WATERSHED W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.066	0.072	0.031	0.018	0.029	0.016	0.012	0.001	0.0	0.0	0.0	0.0
2	0.791	14.108	0.026	0.014	0.021	0.016	0.012	0.007	0.0	0.0	0.0	0.0
3	0.191	2.497	0.028	0.015	0.016	0.018	0.010	0.006	0.0	0.0	0.0	0.0
4	0.060	0.913	0.033	0.017	0.018	0.015	0.011	0.003	0.0	0.0	0.0	0.0
5	0.046	0.124	0.032	0.018	0.019	0.013	0.005	0.002	0.0	0.0	0.0	0.0
6	0.042	0.057	0.034	0.016	0.015	0.013	0.006	0.001	0.0	0.0	0.0	0.0
7	0.049	0.049	0.026	0.030	0.013	0.011	0.006	0.0	0.0	0.0	0.0	0.0
8	0.045	0.053	0.020	0.041	0.012	0.017	0.004	0.0	0.0	0.0	0.0	0.0
9	0.048	0.039	0.032	0.023	0.010	0.020	0.003	0.0	0.0	0.0	0.0	0.0
10	0.153	0.043	0.032	0.020	0.005	0.016	0.004	0.0	0.0	0.0	0.0	0.0
11	0.389	0.041	0.028	0.015	0.017	0.011	0.002	0.0	0.0	0.0	0.0	0.0
12	2.319	0.035	0.029	0.014	0.009	0.009	0.005	0.0	0.0	0.0	0.0	0.0
13	0.079	0.036	2.633	0.030	0.007	0.009	0.006	0.0	0.0	0.0	0.0	0.0
14	0.065	0.034	0.044	0.022	0.019	0.007	0.003	0.0	0.0	0.0	0.0	0.0
15	0.053	0.037	0.030	0.018	0.014	0.007	0.002	0.0	0.0	0.0	0.0	0.0
16	0.054	0.084	0.040	0.015	0.009	0.006	0.004	0.0	0.0	0.0	0.0	0.0
17	0.058	0.045	0.038	0.020	0.006	0.005	0.004	0.0	0.0	0.0	0.0	0.0
18	0.061	0.031	0.052	0.016	0.007	0.003	0.003	0.0	0.0	0.0	0.0	0.0
19	0.047	0.028	0.028	0.009	0.013	0.003	0.001	0.0	0.0	0.0	0.0	0.0
20	0.038	0.029	0.026	0.005	0.039	0.001	0.001	0.0	0.0	0.0	0.0	0.0
21	0.042	0.034	0.027	0.014	0.013	0.005	0.001	0.0	0.0	0.0	0.0	0.0
22	0.037	0.038	0.029	0.014	0.008	0.006	0.001	0.0	0.0	0.0	0.0	0.0
23	0.038	0.048	0.028	0.012	6.248	0.003	0.002	0.0	0.0	0.0	0.0	0.0
24	0.047	0.034	0.019	0.005	31.113	0.001	0.002	0.0	0.0	0.0	0.0	0.338
25	0.042	0.029	0.018	0.010	0.172	0.006	0.0	0.0	0.0	0.0	0.0	0.050
26	0.039	0.029	0.021	0.015	0.023	0.070	0.0	0.0	0.0	0.0	0.0	0.001
27	0.040	0.025	0.023	0.007	0.015	0.036	0.0	0.0	0.0	0.0	0.0	0.0
28	0.041	0.032	0.021	0.035	0.394	0.417	0.0	0.0	0.0	0.0	0.0	0.0
29	0.042		0.016	1.022	3.679	0.073	0.0	0.0	0.0	0.0	0.0	0.0
30	0.039		0.017	0.232	0.122	0.016	0.0	0.0	0.0	0.0	0.0	0.0
31	0.040		0.020		0.030		0.0	0.0		0.0		0.0
MEAN	0.1646	0.6653	0.1124	0.0586	1.3586	0.0283	0.0038	0.0007	0.0	0.0	0.0	0.015
INCHES	0.698	2.548	0.476	0.240	5.762	0.116	0.016	0.003	0.0	0.0	0.0	0.053
STA AV	0.533	0.639	0.754	0.599	1.244	0.663	0.120	0.090	0.224	0.324	0.452	0.518

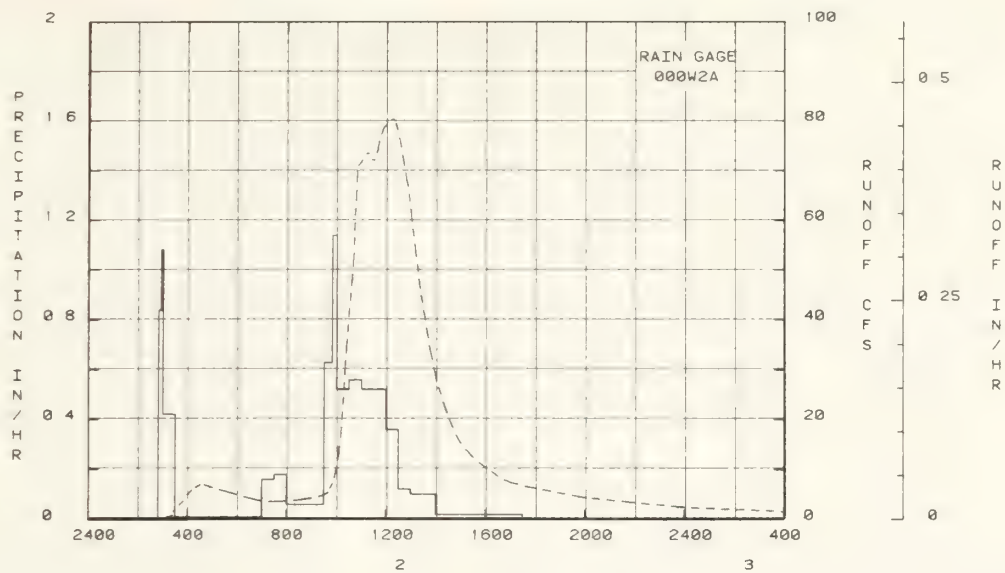
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.146751. Records began July 1937; part-year amounts not included in averages. STA AV based on 38 yr period.

1975 SELECTED RUNOFF EVENT BIESEL (WACC), TEXAS WATERSHED W-1												
ANTECEDENT CONDITIONS			FAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 2 - 3, 1975												
FG 000W2A												
2- 2	0.0	0.000	2- 2	250	0.0	0.0	2- 2	6	0.117	0.0		
				255	0.8400	0.07		26	0.124	0.0002		
				300	1.0600	0.16		36	0.132	0.0003		
				330	0.4200	0.37		46	0.135	0.0005		
				700	0.0086	0.40		106	0.161	0.0008		
WATERSHED CONDITIONS:												
11% oats; 86% pasture,												
Bermudagrass, good cover												
moderately grazed; 3% gravel												
roads. Straight row culti-												
vation, not terraced.												
				730	0.1600	0.48		136	0.184	0.0012		
				800	0.1800	0.57		206	0.205	0.0018		
				930	0.0600	0.66		246	0.205	0.0026		
				950	0.6300	0.87		256	0.214	0.0028		
				1000	1.1400	1.06		301	0.268	0.0029		
				1030	0.5200	1.32		306	0.371	0.0030		
				1100	0.5600	1.60		311	0.525	0.0032		
				1130	0.5200	1.86		316	0.661	0.0035		
				1200	0.5200	2.12		321	0.765	0.0039		
				1230	0.3600	2.30		324	0.824	0.0041		
				1300	0.1200	2.36		327	1.657	0.0044		
				1400	0.1000	2.46		331	2.029	0.0051		
				1730	0.0200	2.53		341	2.960	0.0075		
								351	3.744	0.0107		
								401	5.065	0.0149		
								411	5.964	0.0201		
								421	6.525	0.0261		
								431	7.003	0.0325		
								441	6.916	0.0391		
								501	6.317	0.0517		
								531	5.658	0.0688		
								601	4.911	0.0838		
								631	4.277	0.0969		
								701	3.607	0.1081		
								731	3.539	0.1183		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.005700.



NOTES: To convert runoff in CFS to IN/HR, multiply by 0.005700.



EVENT OF FEBRUARY 2 - 3, 1975  
BIESEL (WACC), TEXAS WATERSHED W-1

RIESEL (WACO), TEXAS WATERSHED W-2

LOCATION: Falls Co., Texas; 19 mi. SE of Waco; Brazos River Basin. Lat. 31 deg. 27 min. 19 sec. N.; Long. 96 deg. 52 min. 55 sec. W.

AREA: 130.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										RIESEL (WACO), TEXAS				WATERSHED W-2							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual							
1975	P	1.30	3.28	1.48	2.56	7.07	4.05	0.66	1.74	2.58	2.08	1.91	1.64	30.35							
	Q	0.951	2.068	0.648	0.286	2.356	0.657	0.165	0.053	0.018	0.002	0.007	0.016	7.227							
STA AV	P	2.15	2.62	2.44	3.90	4.15	3.29	1.73	2.34	2.79	2.98	2.94	2.52	33.90							
	Q	0.647	0.761	0.869	1.052	1.187	0.642	0.131	0.088	0.224	0.318	0.494	0.649	7.063							
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																					
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-24	0.514	2- 2	0.358	2- 2	0.625	2- 2	0.951	2- 2	1.070	5-23	1.364	2- 2	1.579	5-23	2.132				
MAXIMUMS FOR PERIOD OF RECORD																					
		5- 1	4.830	5- 1	2.860	5- 1	5.400	5- 1	6.910	5- 1	6.970	5- 1	7.120	4-30	5.260	4-29	10.960				
		1944		1944		1944		1944		1944		1944		1944		1944					

NOTES: Watershed conditions: 56% pasture; 16% row grain sorghum; 11% fall planted small grain, largely oats; 11% corn; 5% gravel and paved roads; 1% other. Approximately 50% of other is Johnsongrass and weeds in conservation reserve, but neither tilled nor grazed. Cropland farmed on contour, not terraced. Modified conservation applied 1956. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1963, USDA Misc. Pub. 1164, p. 42.7-5 (Revised). Precipitation and runoff records began July 1937; part-year amounts not included in averages. Precipitation data from Thiessen weighted method using rain gages W-2, W-4, W-5A, and W-6. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975	DAILY PRECIPITATION (inches)												RIESEL (WACO), TEXAS WATERSHED W-2	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.26	0.0	0.0	0.0	0.0	0.05E	0.55	0.0	0.0	0.0	0.0		
2	0.48	2.19	0.0	0.0	0.0	0.0	0.0	0.40	0.0	0.0	1.24	0.0		
3	0.0	0.45	0.08E	0.0	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.09E	0.0	0.0E	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.31	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0		
9	0.24	0.0	0.13E	0.09E	0.0	0.05E	0.0	0.06E	0.63	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.04E	0.0	0.17E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.33E	0.0	0.0	0.0	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.94	0.28	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.10E		
15	0.0	0.0	0.0	0.0	0.12E	0.0	0.0	0.0	0.47	0.0	0.0	0.0		
16	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.46	0.0	0.0	0.0		
17	0.0	0.25E	0.19E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.38	0.0	0.0	0.0	0.0	0.0	0.19	0.0		
20	0.0	0.0	0.0	0.0	0.56	0.0	0.0	0.0	0.70	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.15	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.16E	0.24E	0.0	0.48	0.0	0.0		
23	0.0	0.13E	0.0	0.0	2.20	0.05E	0.0	0.0	0.0	0.41	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.52	0.0	0.0	0.0	0.0	0.40	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.07E	0.0	0.0	0.0	0.79	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.19	0.0	0.0	0.0	0.0	0.0	1.54		
27	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.31	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.68	0.63	0.61	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.94	1.04	0.0	0.14E	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.02E	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	0.0	0.48	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.30	3.28	1.48	2.56	7.07	4.05	0.66	1.74	2.58	2.08	1.91	1.64		
STA AV	2.19	2.62	2.44	3.90	4.15	3.29	1.73	2.34	2.79	2.98	2.94	2.52		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages W-2, W-4, W-5A, and W-6. Records began July 1937. STA AV based on 38 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs)													RIESEL (WACO), TEXAS WATERSHED W-2	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.100	0.092	0.067	0.053	0.064	0.084	0.061	0.028	0.001	0.0	0.0	0.0	0.0	1
2	0.595	6.622	0.060	0.047	0.058	0.029	0.066	0.045	0.0	0.0	0.010	0.0	0.0	1
3	0.152	1.765	0.063	0.044	0.055	0.086	0.055	0.032	0.0	0.0	0.011	0.0	0.0	1
4	0.097	0.685	0.068	0.047	0.058	0.087	0.051	0.021	0.0	0.0	0.004	0.0	0.0	1
5	0.086	0.180	0.068	0.051	0.062	0.086	0.051	0.013	0.0	0.0	0.002	0.0	0.0	1
6	0.085	0.111	0.069	0.051	0.062	0.083	0.040	0.010	0.0	0.0	0.001	0.0	0.0	1
7	0.389	0.095	0.062	0.066	0.061	0.075	0.036	0.010	0.0	0.0	0.0	0.0	0.0	1
8	0.089	0.098	0.056	0.091	0.058	0.073	0.036	0.009	0.0	0.0	0.0	0.0	0.0	1
9	0.093	0.393	0.066	0.054	0.052	0.072	0.034	0.011	0.006	0.0	0.0	0.0	0.0	1
10	0.153	0.092	0.068	0.051	0.049	0.083	0.033	0.014	0.011	0.0	0.0	0.0	0.0	1
11	0.410	0.092	0.066	0.043	0.057	0.066	0.027	0.011	0.005	0.0	0.0	0.0	0.0	1
12	1.437	0.083	0.068	0.038	0.055	0.056	0.040	0.008	0.0	0.0	0.0	0.0	0.0	1
13	0.129	0.083	1.549	0.054	0.038	0.046	0.035	0.007	0.0	0.0	0.0	0.0	0.0	1
14	0.117	0.076	0.086	0.045	0.048	0.038	0.026	0.005	0.0	0.0	0.0	0.0	0.0	1
15	0.106	0.080	0.063	0.043	0.044	0.038	0.026	0.003	0.0	0.0	0.0	0.0	0.0	1
16	0.104	0.139	0.074	0.046	0.039	0.038	0.028	0.005	0.034	0.0	0.0	0.0	0.0	1
17	0.101	0.089	0.074	0.041	0.027	0.032	0.027	0.006	0.007	0.0	0.0	0.0	0.0	1
18	0.098	0.081	0.112	0.032	0.022	0.030	0.024	0.004	0.002	0.0	0.0	0.0	0.0	1
19	0.090	0.080	0.060	0.026	0.028	0.026	0.020	0.001	0.0	0.0	0.0	0.0	0.0	1
20	0.083	0.079	0.063	0.024	0.066	0.024	0.020	0.001	0.014	0.0	0.0	0.0	0.0	1
21	0.083	0.075	0.065	0.027	0.048	0.033	0.018	0.0	0.010	0.0	0.0	0.0	0.0	1
22	0.085	0.075	0.068	0.032	0.027	0.033	0.022	0.0	0.007	0.001	0.0	0.0	0.0	1
23	0.067	0.081	0.066	0.031	1.605	0.025	0.023	0.006	0.002	0.001	0.0	0.0	0.0	1
24	0.386	0.067	0.057	0.027	6.013	0.026	0.015	0.003	0.0	0.0	0.0	0.0	0.0	1
25	0.062	0.065	0.053	0.020	0.220	0.035	0.014	0.005	0.0	0.002	0.0	0.0	0.0	1
26	0.060	0.065	0.062	0.021	0.073	0.259	0.012	0.001	0.0	0.002	0.0	0.0	0.0	1
27	0.079	0.067	0.066	0.018	0.073	0.641	0.005	0.011	0.0	0.001	0.0	0.0	0.0	1
28	0.078	0.071	0.064	0.059	0.445	0.537	0.005	0.010	0.0	0.0	0.0	0.0	0.0	1
29	0.060	0.060	0.060	0.263	2.569	0.126	0.015	0.006	0.0	0.0	0.0	0.0	0.0	1
30	0.078	0.055	0.117	0.117	0.255	0.060	0.014	0.002	0.0	0.0	0.0	0.0	0.0	1
31	0.073	0.054	0.054	0.057	0.057	0.057	0.012	0.001	0.0	0.0	0.0	0.0	0.0	1
MEAN	0.1676	0.4034	0.1141	0.0522	0.4151	0.1196	0.0250	0.0054	0.0033	0.0003	0.0013	0.0028	0.0028	
INCHES	0.951	2.068	0.648	0.286	2.356	0.657	0.165	0.053	0.018	0.002	0.007	0.016	0.016	
STA AV	0.647	0.761	0.869	1.052	1.187	0.642	0.131	0.088	0.224	0.318	0.494	0.649	0.649	

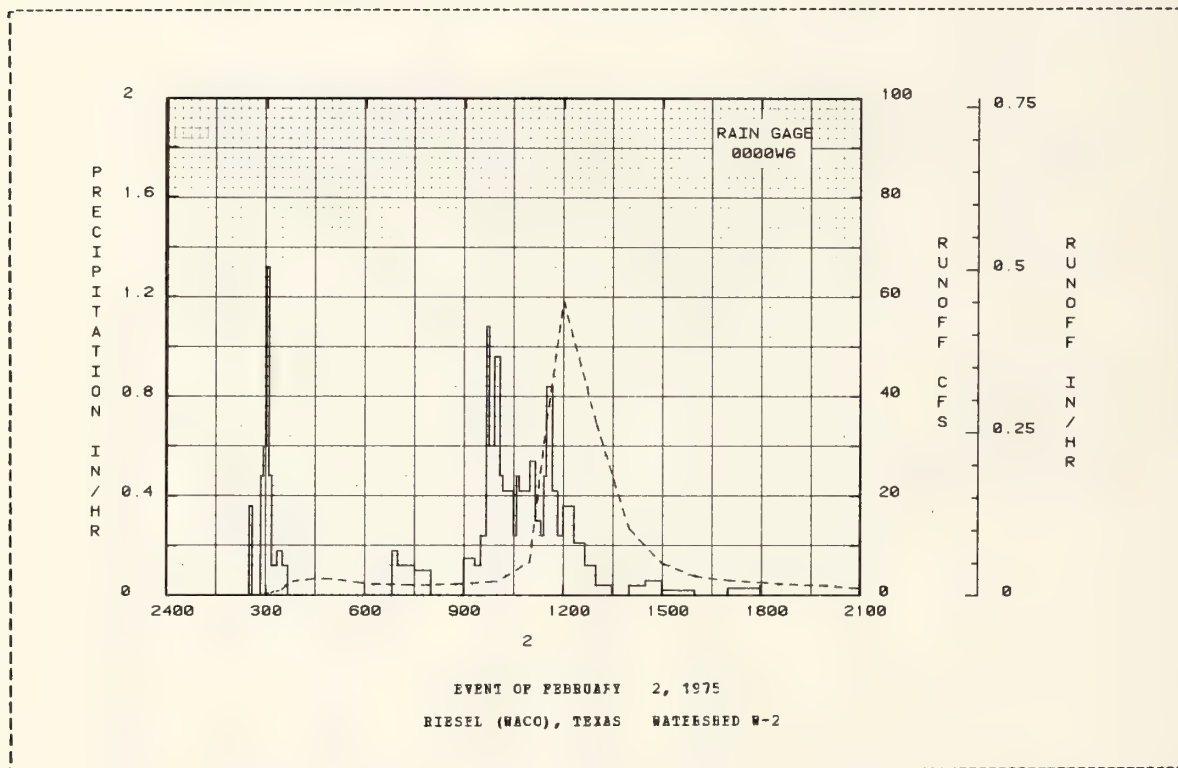
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.183050. Records began July 1937. STA AV based on 38 yr period.

1975      SELECTED RUNOFF EVENT							RIESEL (WACO), TEXAS      WATERSHED W-2					
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY      2, 1975												
RG 0000W6												
2- 2	0.0	0.002	2- 2	230	0.0	0.0	2- 2	200	0.167	0.0		
				235	0.3600	0.03		245	0.170	0.0010		
				250	0.0	0.03		300	0.302	0.0014		
				255	0.4600	0.07		305	0.487	0.0017		
				300	0.6000	0.12		310	0.652	0.0020		
WATERSHED CONLTIGNS:												
11% fall planted oats; 11%												
corn; 16% sorghum; 56%												
pasture, Bermuda grass,												
good cover, moderately												
grazed; 5% gravel roads;												
1% Johnson grass, not tilled												
or grazed. Cropland farmed												
on contour, not terraced.												
				305	1.3200	0.23		315	0.783	0.0025		
				310	0.4600	0.27		320	0.956	0.0030		
				320	0.1200	0.25		325	1.033	0.0037		
				330	0.1800	0.32		330	1.251	0.0044		
				340	0.1200	0.34		340	2.444	0.0067		
				650	0.0	0.34		350	2.917	0.0101		
				700	0.1800	0.37		400	3.067	0.0119		
				730	0.1200	0.43		430	3.441	0.0264		
				800	0.1000	0.48		500	3.331	0.0393		
				900	0.0	0.48		600	2.412	0.0612		
				920	0.1500	0.53		730	2.060	0.0868		
				930	0.1200	0.55		900	2.428	0.1125		
				940	0.2400	0.59		1000	2.854	0.1326		
				945	1.0800	0.68		1100	6.743	0.1692		
				950	0.6000	0.73		1130	35.039	0.2489		
				955	0.6000	0.78		1200	59.170	0.4286		
				1000	0.9600	0.86		1300	34.564	0.7861		
				1005	0.5600	0.94		1400	13.371	0.9690		
				1010	0.4600	0.98		1500	6.402	1.0444		
				1020	0.4200	1.05		1600	3.849	1.0835		
				1030	0.4200	1.12		1700	2.980	1.1095		
				1035	0.2400	1.14		1800	2.578	1.1307		
				1040	0.4600	1.18		2100	1.433	1.1766		
				1050	0.4200	1.25		2200	1.625	1.1883		
				1100	0.4200	1.32		2300	1.540	1.2004		



1975 SELECTED FLOOD EVENT			RIESEL (WACO), TEXAS WATERSHED W-2							
ANTECEDENT CONDITIONS			RAINFALL			FLOOD				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)										
2- 2				1110	0.5400	1.41	2- 2	2400	1.033	1.2102
				1120	0.3000	1.46				
				1125	0.2400	1.46				
				1130	0.4600	1.52				
				1140	0.6400	1.66				
				1150	0.4200	1.73				
				1200	0.2400	1.77				
				1220	0.3600	1.85				
				1240	0.2100	1.96				
				1300	0.1200	2.00				
				1330	0.0400	2.02				
				1400	0.0	2.02				
				1430	0.0400	2.04				
				1500	0.0600	2.07				
				1600	0.0200	2.05				
				1700	0.0	2.05				
				1800	0.0500	2.12				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.007629.



RIESEL (WACO), TEXAS WATERSHED W-6

LOCATION: Falls Co., Texas; 19 mi. SE of Waco; Brazos River Basin. lat. 31 deg. 27 min. 24 sec. N.; Long. 96 deg. 53 min. 11 sec. W.

AREA: 42.30 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														RIESEL (WACO), TEXAS WATERSHED W-6	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	1.55	3.24	1.45	2.56	6.74	4.00	0.73	1.77	2.47	2.24	2.02	1.83	30.56	
	Q	0.158	1.894	0.102	0.013	2.229	0.310	0.002	0.0	0.0	0.0	0.0	0.0	4.745	
STA AV	P	2.06	2.53	2.34	3.91	3.85	3.40	1.73	2.42	2.90	3.18	2.93	2.38	33.67	
	Q	0.341	0.422	0.548	0.719	0.771	0.536	0.076	0.046	0.188	0.256	0.355	0.416	4.674	

ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge Date	Rate	1 Hour Date	Vol.	2 Hours Date	Vol.	Maximum Volume for Selected Time Interval							
								6 Hours Date	Vol.	12 Hours Date	Vol.	1 Day Date	Vol.	2 Days Date	Vol.
1975		5-24	0.909	5-24	0.568	2- 2	0.826	2- 2	1.347	2- 2	1.456	5-23	1.575	2- 2	1.820
															5-23 2.225

MAXIMUMS FOR PERIOD OF RECORD															
		6-10	3.990	4-19	2.330	4-19	2.780	5-11	3.130	5-11	3.210	3-29	4.060	11-22	5.090
		1941		1957		1957		1957		1957		1965		1940	1957

NOTES: Watershed conditions: 33% row grain sorghum; 9% corn; 33% fall planted small grain, largely oats; 7% gravel and paved road; 15% pasture; 5% other. All of other land use is non-tilled, non-pastured land, generally in various crop acreage reduction programs. Cropland farmed on contour, not terraced. Modified conservation program since 1956. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1963, USDA Misc. Pub. 1164, p. 42.7-5 (Revised). Precipitation and runoff records began May 1939; station not in operation July 1943 to Jan. 1, 1946; part-year amounts not included in averages. Precipitation data from Thiessen weighted method using rain gages W-2, W-4 and W-5A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)														RIESEL (WACO), TEXAS WATERSHED W-6	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.25	0.0	0.0	0.0	0.0	0.06E	0.55	0.0	0.0	0.0	0.0	0.0		
2	0.52	2.20	0.0	0.0	0.0	0.0	0.0	0.37	0.0	0.0	1.21	0.0	0.0		
3	0.0	0.44	0.07E	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.09E	0.0	0.0 E	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0 E	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.34	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.0		
9	0.24	0.0	0.13E	0.05E	0.0	0.0	0.0	0.04E	0.70	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.06E	0.0	0.17E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50E	0.0	0.0	0.0	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.27E	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.93	0.25	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11E		
15	0.0	0.0	0.0	0.0	0.12E	0.0	0.0	0.0	0.83	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.11E	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0		
17	0.0	0.22E	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.39	0.0	0.0	0.0	0.0	0.0	0.21	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.49	0.0	0.0	0.0	0.73	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0 E	0.0	0.0	0.15	0.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.15E	0.33E	0.0	0.52	0.0	0.0	0.0		
23	0.0	0.13E	0.0	0.0	2.18	0.10E	0.11E	0.0	0.0	0.41	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.25	0.0	0.0	0.0	0.0	0.45	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.86	0.0	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.24	0.0	0.0	0.0	0.0	0.0	0.0	1.72		
27	0.0	0.0	0.0	0.0	0.0	0.95	0.0	0.31	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.67	0.63	0.54	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.93	1.04	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.03E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.53	3.24	1.45	2.56	6.74	4.00	0.73	1.77	2.47	2.24	2.02	1.83	30.56		
STA AV	2.06	2.53	2.34	3.91	3.85	3.40	1.73	2.42	2.90	3.18	2.93	2.38	33.67		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages W-2, W-4, and W-5A. Records began May 1939; station not in operation July 1943 to Jan. 1, 1946; part-year amounts not included in averages. STA AV based on 33 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs)													FIESEL (WACO), TEXAS WATERSHED W-6	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.006	0.002	0.0 T	0.0	0.0	0.005	0.001	0.0	0.0	0.0	0.0	0.0		
2	0.060	2.679	0.0	0.0	0.0	0.004	0.001	0.0	0.0	0.0	0.0	0.0		
3	0.018	0.521	0.0 T	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0		
4	0.005	0.085	0.001	0.0	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.004	0.011	0.001	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.003	0.004	0.001	0.0	0.0	0.007	0.0 T	0.0	0.0	0.0	0.0	0.0		
7	0.003	0.003	0.001	0.0	0.0	0.005	0.0 T	0.0	0.0	0.0	0.0	0.0		
8	0.004	0.003	0.0	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.024	0.003	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0		
10	0.020	0.003	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.045	0.003	0.0 T	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.112	0.003	0.0 T	0.0	0.0	0.003	0.0 T	0.0	0.0	0.0	0.0	0.0		
13	0.003	0.004	0.158	0.0	0.0	0.003	0.0 T	0.0	0.0	0.0	0.0	0.0		
14	0.002	0.005	0.001	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.002	0.004	0.001	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.003	0.010	0.001	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.004	0.003	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.004	0.002	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.003	0.002	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.002	0.002	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.002	0.002	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	0.002	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.002	0.001	0.0	0.0	0.651	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	0.003	0.001	0.0	0.0	2.156	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	0.002	0.001	0.0	0.0	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.002	0.001	0.0 T	0.0	0.001	0.006	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.002	0.001	0.0 T	0.0	0.001	0.252	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.002	0.002	0.0 T	0.0	0.051	0.238	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.002	0.002	0.0	0.022	1.079	0.004	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.002	0.0	0.001	0.009	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.002	0.0	0.0	0.006	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
MEAN	0.0114	0.1202	0.0058	0.0008	0.1278	0.0184	0.0001	0.0	0.0	0.0	0.0	0.0		
INCHES	0.198	1.894	0.102	0.013	2.225	0.310	0.002	0.0	0.0	0.0	0.0	0.0		
STA AV	0.341	0.422	0.548	0.719	0.771	0.538	0.076	0.046	0.188	0.256	0.355	0.416		

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.562687. Records began May 1939; station not in operation July 1943 to Jan. 1, 1946; part-year amounts not included in averages. STA AV based on 33 yr period.

1975 SELECTED RUNOFF EVENT						FIESEL (WACO), TEXAS WATERSHED W-6					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2, 1975											
RG 0000W4			RG 0000W4								
2- 2	0.0	0.000	2- 2	230	0.0	0.0	2- 2	255	0.007	0.0	
				235	0.3600	0.03		300	0.011	0.0300	
				250	0.0	0.03		330	0.413	0.0025	
				255	0.4800	0.07		400	0.565	0.0082	
				300	0.6000	0.12		500	0.241	0.0177	
WATERSHED CONDITIONS: 33% row grain sorghum; 33% fall planted oats; 9% corn; 15% pasture, Bermuda grass, good cover, moderately grazed; 7% gravel roads; 3% Johnson grass and weeds, not tilled or grazed. Cropland farmed on contour, not terraced.					305	1.4400	0.24	600	0.116	0.0219	
					310	0.3600	0.27	700	0.074	0.0241	
					320	0.1600	0.30	800	0.247	0.0279	
					330	0.1600	0.33	900	0.260	0.0340	
					340	0.1200	0.35	955	1.354	0.0520	
					650	0.0	0.35	1000	2.147	0.0555	
					700	0.1600	0.38	1010	5.128	0.0697	
					730	0.1400	0.45	1020	9.228	0.0977	
					800	0.1000	0.50	1030	12.958	0.1411	
					900	0.0	0.50	1100	13.020	0.2934	
			920	0.1500	0.55	1130	16.827	0.4683			
			930	0.1200	0.57	1140	20.325	0.5409			
			940	0.2400	0.61	1150	22.990	0.6255			
			945	1.0600	0.70	1200	21.903	0.7132			
			950	0.6000	0.75	1210	21.164	0.7974			
			955	0.7200	0.81	1220	19.251	0.8763			
			1000	0.9600	0.89	1230	17.473	0.9481			
			1005	0.9600	0.97	1240	15.457	1.0125			
			1010	0.4800	1.01	1250	13.174	1.0685			
			1020	0.4800	1.09	1300	11.224	1.1162			
			1030	0.4200	1.16	1400	3.979	1.2944			
			1035	0.1200	1.17	1500	1.975	1.3642			
			1040	0.4800	1.21	1600	1.314	1.4028			
			1045	0.7200	1.27	1630	1.108	1.4170			
			1050	0.2400	1.25	1800	0.859	1.4516			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.023445.





RIESEL (WACC), TEXAS WATERSHED W-10

LOCATION: Falls Co., Texas; 15 mi. SE of Waco; Brazos River Basin. Lat. 31 deg. 27 min. 12 sec. N.; Long. 96 deg. 53 min. 00 sec. W.

AREA: 15.70 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								RIESEL (WACO), TEXAS WATERSHED W-10											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	0.97	3.22	1.51	2.53	6.86	4.30	0.59	1.80	2.72	1.99	1.82	1.46	25.75					
	Q	0.545	2.085	0.471	0.036	2.652	0.418	0.0	0.0	0.0	0.0	0.0	0.071	6.319					
STA AV	P	2.08	2.55	2.25	3.89	3.80	3.41	1.69	2.51	2.91	3.17	2.51	2.35	33.51					
	Q	0.543	0.546	0.594	0.919	0.900	0.651	0.107	0.118	0.307	0.449	0.550	0.565	6.245					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-23	0.366	5-23	0.342	2- 2	0.610	2- 2	1.225	2- 2	1.502	5-23	1.825	2- 2	1.981	5-24	2.692		
MAXIMUMS FOR PERIOD OF RECORD																			
		6-10	5.010	4-15	2.310	4-19	2.550	5-11	3.000	11-22	3.330	9-16	3.785	4-24	5.160	5-19	6.290		
		1941		1957		1957		1957		1940		1974		1966		1957			

NOTES: Watershed conditions: 100% Coastal Bermudagrass for pasture. Good cover, moderately grazed, terraced. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1963, USDA Misc. Pub. 1164, p. 42.7-5 (Revised). Precipitation and runoff records began Aug 1938; station not in operation July 1943 to May 3, 1945; part-year amounts not included in averages. Precipitation data obtained from rain gage W-6. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													RIESEL (WACC), TEXAS WATERSHED W-10	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.25	0.0	0.0	0.0	0.0	0.05E	0.58	0.0	0.0	0.0	0.0		
2	0.46	2.12	0.0	0.0	0.0	0.0	0.0	0.44	0.0	0.0	1.27	0.0		
3	0.0	0.45	0.11E	0.0	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.09E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0		
9	0.24	0.0	0.14E	0.12E	0.0	0.13E	0.0	0.12E	0.83	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0 E	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.05E	0.0	0.0	0.0	0.19E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.22E	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.90	0.26	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.10E		
15	0.0	0.0	0.0	0.0	0.12E	0.0	0.0	0.0	0.15	0.0	0.0	0.0		
16	0.0	0.0	0.14E	0.0	0.0	0.0	0.0	0.0	0.83	0.0	0.0	0.0		
17	0.0	0.28E	0.22E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0	0.0	0.0	0.18	0.0		
20	0.0	0.0	0.0	0.0	0.54	0.0	0.0	0.0	0.68	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.15E	0.19	0.0	0.43	0.0	0.0		
23	0.0	0.12E	0.0	0.0	2.27	0.0	0.0	0.0	0.0	0.44	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.23	0.0	0.0	0.0	0.0	0.36	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.19E	0.0	0.0	0.0	0.76	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.21	0.0	0.0	0.0	0.0	0.0	1.36		
27	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.25	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.70	0.62	0.67	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.95	1.05	0.0	0.15E	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.0 E	0.0	0.0	0.05E	0.0	0.0	0.0	0.0	0.37	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	0.97	3.22	1.51	2.53	6.88	4.30	0.55	1.80	2.72	1.99	1.82	1.46		
STA AV	2.08	2.55	2.25	3.89	3.80	3.41	1.69	2.51	2.91	3.17	2.91	2.35		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage W-6. Records began Aug. 1938; station not in operation July 1943 to May 3, 1946; part-year amounts not included in averages. STA AV based on 33 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) RIESSEL (WACO), TEXAS WATERSHED W-10												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.001	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.084	1.374	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.038	0.222	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.001	0.116	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.044	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.268	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.005	0.0	0.377	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0 T	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.002	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.318	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	1.229	0.0	0.0	0.0	0.0	0.0	0.0	0.011
25	0.0	0.0	0.0	0.0	0.039	0.0	0.0	0.0	0.0	0.0	0.0	0.048
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T
27	0.0	0.0	0.0	0.0	0.0	0.152	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0 T	0.050	0.181	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.016	0.566	0.013	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.014	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0145	0.0616	0.0126	0.0010	0.0719	0.0115	0.0	0.0	0.0	0.0	0.0	0.0019
INCHES	0.545	2.085	0.471	0.036	2.692	0.418	0.0	0.0	0.0	0.0	0.0	0.071
STA AV	0.545	0.546	0.594	0.919	0.900	0.651	0.107	0.118	0.307	0.449	0.550	0.565

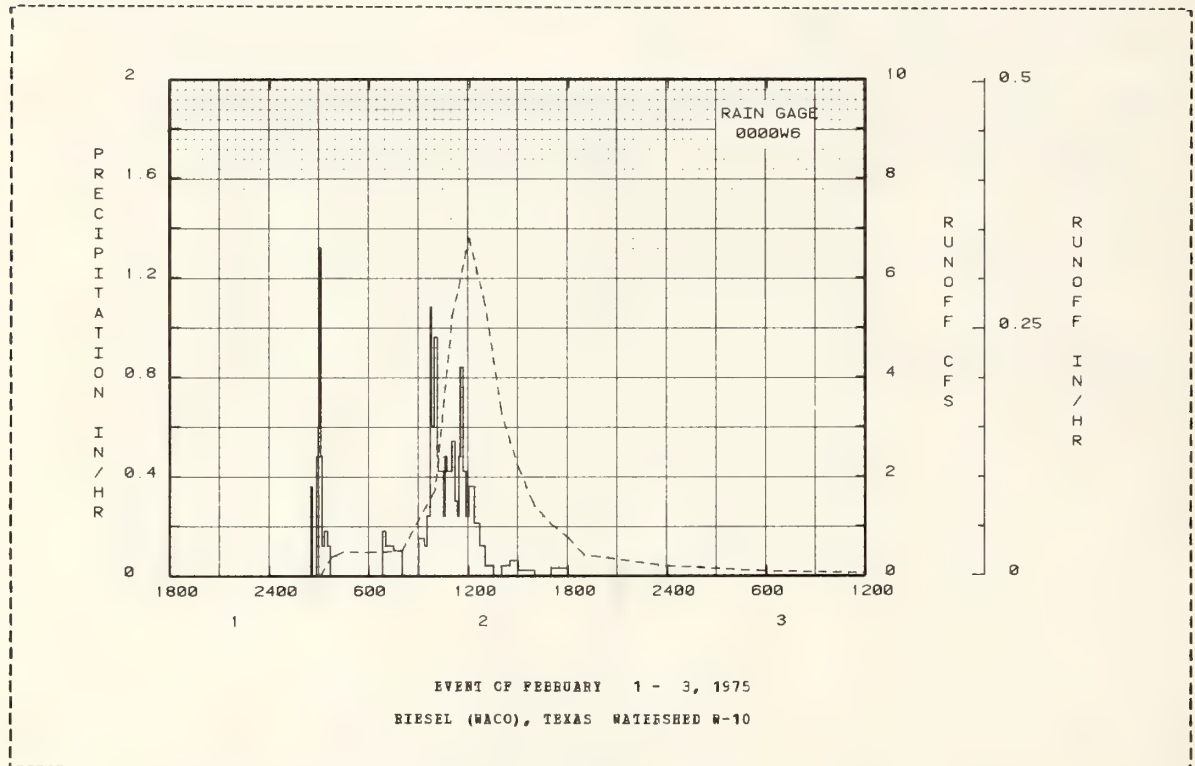
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.20E206. Records began Aug. 1938; station not in operation July 1943 to May 3, 1946; part-year amounts not included in averages. STA AV based on 33 yr period.

1975 SELECTED RUNOFF EVENT RIESSEL (WACO), TEXAS WATERSHED W-10												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT CP FEBRUARY 1 - 3, 1975												
BG 0000W6			FG 0000W6									
2- 2	0.0		2- 2	230	0.0	0.0	2- 1	2400	0.001	0.0		
2- 1		0.000		235	0.3600	0.03	2- 2	226	0.001	0.0001		
				250	0.0	0.03		306	0.013	0.0003		
				255	0.4E00	0.07		346	0.377	0.0065		
				300	0.6000	0.12		426	0.478	0.0212		
WATERSHED CONDITIONS:				305	1.3200	0.23		600	0.467	0.0585		
100% Coastal Bermudagrass				310	0.4E00	0.27		800	0.504	0.1074		
pasture, 4 to 6 inches				320	0.1200	0.25		1000	1.750	0.2205		
high, good cover.				330	0.1E00	0.32		1100	5.216	0.3962		
				340	0.1200	0.54		1200	6.754	0.6585		
				650	0.0	0.34		1300	5.418	1.0059		
				700	0.1E00	0.37		1400	3.242	1.2239		
				730	0.1200	0.43		1500	2.167	1.3600		
				800	0.1000	0.48		1600	1.359	1.4498		
				900	0.0	0.48		1700	1.025	1.5109		
				920	0.1E00	0.53		1800	0.757	1.5555		
				930	0.1200	0.55		1900	0.400	1.5852		
				940	0.2400	0.59		2400	0.188	1.6603		
				945	1.0E00	0.68	2- 3	600	0.092	1.7026		
				950	0.6000	0.73						
				955	0.6000	0.78						
				1000	0.5600	0.86						
				1005	0.9600	0.94						
				1010	0.4E00	0.98						
				1020	0.4200	1.05						
				1030	0.4200	1.12						
				1035	0.2400	1.14						
				1040	0.4E00	1.18						
				1050	0.4200	1.25						
				1100	0.4200	1.32						

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00342.

1975 SELECTED RUNOFF EVENT			BIESEL (WACO), TEXAS WATERSHED W-10							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF FEBRUARY 1 - 3, 1975 (CONTINUED)										
2- 2				1110	0.5400	1.41				
				1120	0.3000	1.46				
				1125	0.2400	1.48				
				1130	0.4800	1.52				
				1140	0.8400	1.66				
				1150	0.4200	1.73				
				1200	0.2400	1.77				
				1220	0.3600	1.85				
				1240	0.2100	1.96				
				1300	0.1200	2.00				
				1330	0.0400	2.02				
				1400	0.0	2.02				
				1430	0.0400	2.04				
				1500	0.0600	2.07				
				1600	0.0200	2.09				
				1700	0.0	2.09				
				1800	0.0200	2.12				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.050342.



FIESEL (WACO), TEXAS WATERSHED Y

LOCATION: Falls Co., Texas; 17 mi. SE Waco; Brazos Basin. Lat. 31 deg. 28 min. 36 sec. N.; Long. 96 deg. 52 min. 36 sec. W.

AREA: 309.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								FIESEL (WACO), TEXAS WATERSHED Y											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	F	1.50	3.49	1.59	2.99	6.65	3.62	1.71	1.43	2.95	2.05	1.96	1.61	31.55					
	Q	0.655	1.760	0.281	0.181	1.647	0.298	0.010	0.0	0.0	0.0	0.0	0.000	4.840					
STA AV	P	2.17	2.54	2.31	3.83	3.83	3.46	1.79	2.24	2.80	3.06	2.78	2.38	33.16					
	Q	0.532	0.553	0.587	0.775	0.701	0.610	0.134	0.047	0.164	0.222	0.371	0.410	5.104					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2- 2	0.260	2- 2	0.238	2- 2	0.445	2- 2	0.875	2- 2	1.075	2- 2	1.273	2- 2	1.497	2- 1	1.674		
MAXIMUMS FOR PERIOD OF RECORD																			
		4-15	2.540	4-15	2.150	4-15	2.740	4-19	3.480	4-19	3.660	3-29	3.980	11-22	4.770	4-15	9.360		
		1957		1957		1957		1957		1957		1965		1940		1957			

NOTES: Watershed conditions: 52% pasture; 15% cotton; 16% fall planted small grain, largely oats; 16% row grain sorghum; 1% gravel and paved roads. Cropland terraced, contour cultivation. No change in conservation practices. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 42.11-5 (Revised). Precipitation and runoff records began May 1937; station not in operation July 1943 to May 1, 1946; part-year amounts not included in averages. Precipitation data from Thiessen weighted method using rain gages 69, 69B, 70, 75A, 84A, 85, and W-2A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													FIESEL (WACO), TEXAS WATERSHED Y	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.25	0.0	0.0	0.0	0.0	0.11E	0.34	0.0	0.0	0.0	0.0		
2	0.45	2.36	0.0	0.0 E	0.0	0.0	0.0	0.46	0.0	0.0	1.17	0.0		
3	0.0	0.48	0.07E	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.09E	0.0	0.27E	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0		
9	0.28	0.0	0.15E	0.04E	0.0	0.0	0.0	0.02E	0.91	0.0	0.0	0.0		
10	0.0 1	0.0	0.0	0.12E	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.52E	0.0	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.95	0.37	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.12E		
15	0.0	0.0	0.0	0.0	0.13E	0.0	0.0	0.0	0.16	0.0	0.0	0.0		
16	0.0	0.0	0.17E	0.0	0.0	0.0	0.0	0.0	0.85	0.0	0.0	0.0		
17	0.0	0.19E	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.46	0.0	0.0	0.0	0.0	0.0	0.22	0.0		
20	0.0	0.0	0.0	0.0	0.53	0.0	0.0	0.0	0.78	0.0	0.05	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0 E	0.0	0.0	0.19	0.0	0.0	0.0		
22	0.0	0.02E	0.0	0.0	0.0	0.0	0.61	0.03E	0.0	0.50	0.0	0.0		
23	0.0	0.13E	0.0	0.0	2.05	0.0	0.20E	0.0	0.0	0.36	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.33	0.0	0.0	0.0	0.0	0.38	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	0.61	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.13	0.0	0.0	0.0	0.0	0.0	1.49		
27	0.0	0.0	0.0	0.0	0.0	0.84	0.0	0.41	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.75	0.80	0.49	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	1.00	0.87	0.0	0.0	0.15E	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.52	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.50	3.49	1.59	2.95	6.65	3.62	1.71	1.43	2.95	2.05	1.96	1.61		
STA AV	2.17	2.54	2.31	3.83	3.83	3.46	1.79	2.24	2.80	3.06	2.78	2.38		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 69, 69B, 70, 75A, 84A, 85, and W-2A. Records began May 1937; station not in operation July 1943 to May 1, 1946; part-year amounts not included in averages. STA AV based on 34 yr period. Estimate codes may indicate that non-significant event totals are included.



1975 MEAN DAILY DISCHARGE (cfs) FIESEL (WACC), TEXAS WATERSHED Y												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.112	0.151	0.019	0.004	0.019	0.043	0.017	0.0	0.0	0.0	0.0	0.0
2	1.144	15.907	0.013	0.002	0.006	0.038	0.018	0.0	0.0	0.0	0.0	0.0
3	0.362	3.404	0.013	0.0 T	0.007	0.033	0.013	0.0	0.0	0.0	0.0	0.0
4	0.118	1.586	0.016	0.0	0.007	0.031	0.031	0.0	0.0	0.0	0.0	0.0
5	0.062	0.374	0.018	0.001	0.012	0.025	0.022	0.0	0.0	0.0	0.0	0.0
6	0.073	0.159	0.020	0.003	0.007	0.022	0.006	0.0	0.0	0.0	0.0	0.0
7	0.083	0.102	0.018	0.020	0.005	0.016	0.005	0.0	0.0	0.0	0.0	0.0
8	0.080	0.100	0.007	0.092	0.002	0.011	0.003	0.0	0.0	0.0	0.0	0.0
9	0.079	0.084	0.017	0.015	0.0 T	0.010	0.002	0.0	0.0	0.0	0.0	0.0
10	0.473	0.075	0.027	0.007	0.0	0.015	0.002	0.0	0.0	0.0	0.0	0.0
11	0.773	0.070	0.016	0.008	0.0	0.010	0.002	0.0	0.0	0.0	0.0	0.0
12	3.557	0.060	0.016	0.002	0.002	0.007	0.006	0.0	0.0	0.0	0.0	0.0
13	0.132	0.054	2.976	0.034	0.0	0.004	0.001	0.0	0.0	0.0	0.0	0.0
14	0.120	0.052	0.060	0.029	0.004	0.003	0.0	0.0	0.0	0.0	0.0	0.0
15	0.107	0.064	0.031	0.009	0.004	0.003	0.0	0.0	0.0	0.0	0.0	0.0
16	0.106	0.141	0.073	0.004	0.001	0.002	0.0	0.0	0.0	0.0	0.0	0.0
17	0.113	0.074	0.052	0.005	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0
18	0.122	0.048	0.118	0.004	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0
19	0.101	0.037	0.028	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.069	0.031	0.011	0.0	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.064	0.033	0.010	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.063	0.039	0.013	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.061	0.078	0.014	0.0 T	1.759	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.073	0.043	0.005	0.001	11.251	0.0	0.0	0.0	0.0	0.0	0.0	0.068
25	0.073	0.021	0.005	0.0	0.528	0.0	0.0	0.0	0.0	0.0	0.0	0.031
26	0.063	0.019	0.007	0.0	0.050	0.186	0.0	0.0	0.0	0.0	0.0	0.003
27	0.061	0.015	0.010	0.0	0.026	2.009	0.0	0.0	0.0	0.0	0.0	0.001
28	0.058	0.020	0.009	0.040	1.522	1.104	0.0	0.0	0.0	0.0	0.0	0.0
29	0.057		0.009	1.629	5.565	0.268	0.0	0.0	0.0	0.0	0.0	0.0
30	0.063		0.006	0.437	0.393	0.024	0.0	0.0	0.0	0.0	0.0	0.0
31	0.063		0.006	0.101	0.101		0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.2744	0.8160	0.1178	0.0783	0.6897	0.1290	0.0042	0.0	0.0	0.0	0.0	0.0035
INCHES	0.655	1.760	0.281	0.181	1.647	0.298	0.010	0.0	0.0	0.0	0.0	0.006
STA AV	0.532	0.553	0.587	0.775	0.701	0.610	0.134	0.047	0.164	0.222	0.371	0.410

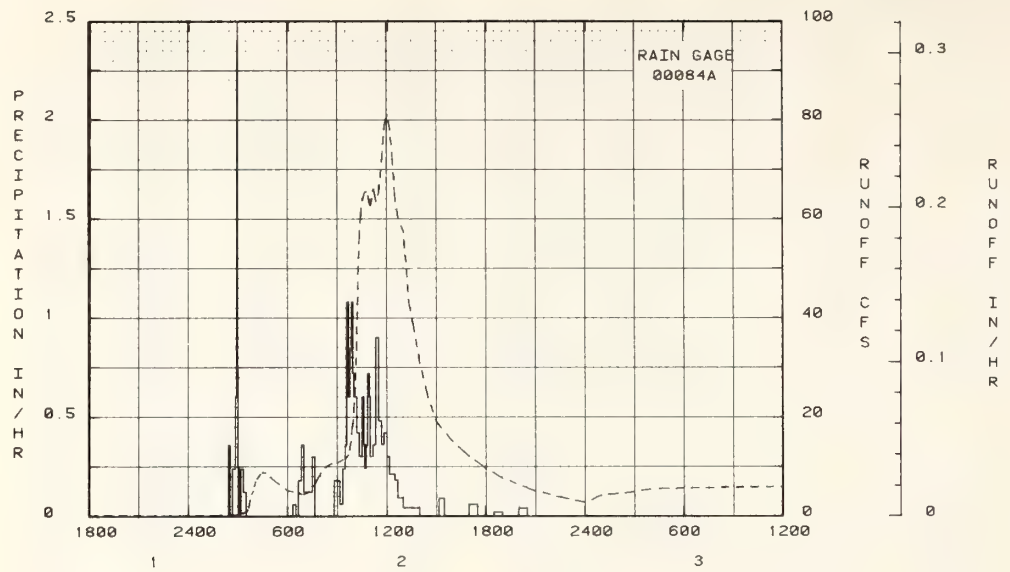
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.077028. Records began May 1937; station not in operation July 1943 to May 1, 1946; part-year amounts not included in averages. STA AV based on 34 yr period.

1975 SELECTED RUNOFF EVENT			BIESEL (WACC), TEXAS				WATERSHED Y			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 1 - 3, 1975										
RG 00084A			RG 00084A							
2- 2	0.0		2- 2	100	0.0	0.0	2- 1	1800	0.198	0.0
2- 1		0.008		225	0.0	0.0		2400	0.164	0.0035
				230	0.3600	0.03	2- 2	200	0.283	0.0049
				240	0.0	0.03		230	0.285	0.0054
				250	0.2400	0.07		235	0.298	0.0055
WATERSHED CONDITIONS:				254	0.6000	0.11		240	0.311	0.0055
52% pasture, Bermudagrass				256	2.4000	0.19		245	0.315	0.0056
and native grass, good				300	0.7500	0.24		250	0.320	0.0057
cover, moderately grazed;				305	0.2400	0.26		255	0.332	0.0056
16% fall planted oats; 16%				310	0.0	0.26		300	0.376	0.0059
row grain sorghum; 15%										
cotton; 1% gravel roads.				320	0.2400	0.30		305	0.435	0.0060
Cropland terraced, culti-				330	0.1200	0.32		310	0.621	0.0061
vated on contour.				620	0.0	0.32		315	0.697	0.0063
				630	0.0600	0.33		320	0.734	0.0065
				640	0.0	0.33		325	0.812	0.0067
				650	0.1800	0.36		330	1.018	0.0069
				700	0.5600	0.42		335	1.276	0.0073
				720	0.1200	0.46		340	1.775	0.0077
				730	0.1200	0.48		345	3.382	0.0084
				740	0.3000	0.53		350	4.486	0.0094
				850	0.0	0.53		355	5.133	0.0107
				900	0.1800	0.56		400	6.057	0.0122
				910	0.1800	0.59		405	6.972	0.0139
				920	0.0600	0.60		410	7.592	0.0159
				930	0.2400	0.64		420	8.458	0.0202
				935	0.3600	0.67		430	8.822	0.0248
				940	1.0800	0.76		440	8.822	0.0295
				945	0.6000	0.81		500	7.705	0.0364
				950	0.8400	0.88		530	6.352	0.0497
				955	1.0800	0.97		600	5.052	0.0589

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.003210.

1975 SELECTED RUNOFF EVENT			FRESNO (WACC), TEXAS			WATERSHED Y		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day
EVENT OF FEBRUARY 1 - 3, 1975 (CONTINUED)								
2- 2			1000		0.7200	1.03	2- 2	620
			1010		0.6000	1.13		640
			1020		0.4200	1.20		650
			1030		0.3000	1.25		700
			1035		0.6000	1.30		720
			1040		0.3600	1.33		740
			1045		0.2400	1.35		800
			1050		0.3600	1.38		820
			1055		0.7200	1.44		840
			1100		0.6000	1.45		900
			1110		0.3000	1.50		920
			1120		0.3600	1.60		930
			1130		0.9000	1.75		940
			1140		0.4800	1.83		945
			1150		0.3600	1.85		950
			1200		0.4200	1.96		955
			1210		0.3000	2.01		1000
			1230		0.2100	2.08		1005
			1240		0.1800	2.11		1010
			1300		0.0500	2.14		1015
			1330		0.0400	2.16		1020
			1400		0.0400	2.18		1025
			1510		0.0	2.18		1030
			1530		0.0500	2.21		1035
			1700		0.0	2.21		1040
			1730		0.0600	2.24		1045
			1830		0.0	2.24		1050
			1900		0.0200	2.25		1055
			2000		0.0	2.25		1100
			2030		0.0400	2.27		1110
								1120
								1130
								1135
								1140
								1150
								1200
								1210
								1220
								1230
								1240
								1300
								1320
								1340
								1400
								1430
								1500
								1600
								1700
								1800
								1900
								2100
								2300
								2400
								100
								200
								300
								400
								440

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.003210.



EVENT OF FEBRUARY 1 - 3, 1975  
RIESEL (WACO), TEXAS WATERSHED Y

RIESEL (WACO), TEXAS WATERSHED Y-2

LOCATION: Falls Co., Texas; 18 mi. SE Waco; Brazos River Basin. Lat. 31 deg. 28 min. 30 sec. N.; Long. 96 deg. 52 min. 46 sec. W.

AREA: 132.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								RIESEL (WACO), TEXAS				WATERSHED Y-2			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	1.50	3.42	1.64	3.05	6.94	3.68	1.85	1.50	2.95	2.08	1.95	1.67	32.23	
	Q	0.450	2.399	0.162	0.158	1.835	0.337	0.0	0.0	0.0	0.0	0.0	0.0	5.340	
STA AV	P	2.18	2.59	2.53	3.92	4.26	3.40	1.83	2.24	2.88	3.02	2.92	2.51	34.28	
	Q	0.461	0.593	0.713	0.882	1.026	0.626	0.134	0.046	0.156	0.257	0.386	0.455	5.775	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume		for Selected Time		Interval			
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2- 2	0.670	2- 2	0.601	2- 2	1.011	2- 2	1.625	2- 2	1.759	2- 2	1.531	2- 2	2.276
MAXIMUMS FOR PERIOD OF RECORD															
		5- 1	4.070	5- 1	3.110	5- 1	5.470	5- 1	7.080	5- 1	7.280	5- 1	7.460	4-30	10.600
		1944		1944		1944		1944		1944		1944		1944	

NOTES: Watershed conditions: 19% cotton; 26% fall planted small grain, largely oats; 19% row grain sorghum; 35% pasture; 1% gravel and paved roads. Cropland terraced, contour cultivation, conservation treatment since 1942. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 42.11-5 (Revised). Precipitation and runoff records began Jan. 1, 1939. Precipitation data from Thiessen weighted method using rain gages 69, 69B, 70, 75A, and 84A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													RIESEL (WACO), TEXAS WATERSHED Y-2
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.30	0.0	0.0	0.0	0.0	0.10E	0.36	0.0	0.0	0.0	0.0	
2	0.46	2.33	0.0	0.0 P	0.0	0.0	0.0	0.49	0.0	0.0	1.10	2.0	
3	0.0	0.46	0.07E	0.0	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.11E	0.0	0.32	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	
9	0.27	0.0	0.15E	0.04E	0.0	0.0	0.0	0.02E	0.50	0.0	0.0	0.0	
10	0.0 1	0.0	0.0	0.14E	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.51E	0.0	0.0	0.0	0.11E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.26E	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.98	0.37	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.13E	
15	0.0	0.0	0.0	0.0	0.16E	0.0	0.0	0.0	0.16	0.0	0.0	0.0	
16	0.0	0.0	0.18E	0.0	0.0	0.0	0.0	0.0	0.86	0.0	0.0	0.0	
17	0.0	0.17E	0.19E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.26	0.0	
20	0.0	0.0	0.0	0.0	0.52	0.0	0.0	0.0	0.77	0.0	0.13	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	0.0	0.0	0.0	
22	0.0	0.03E	0.0	0.0	0.0	0.0	0.60	0.02E	0.0	0.50	0.0	0.0	
23	0.0	0.13E	0.0	0.0	2.08	0.0	0.28	0.0	0.0	0.36	0.0	0.0	
24	0.0	0.0	0.0	0.0	1.56	0.0	0.0	0.0	0.0	0.44	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0	0.78	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	2.22	0.0	0.0	0.0	0.0	0.0	1.54	
27	0.0	0.0	0.0	0.0	0.0	0.86	0.0	0.40	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.76	0.84	0.47	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	1.03	0.85	0.0	0.21	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.46	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.50	3.42	1.64	3.05	6.94	3.68	1.85	1.50	2.95	2.08	1.95	1.67	
STA AV	2.18	2.59	2.53	3.92	4.26	3.40	1.83	2.24	2.88	3.02	2.92	2.51	

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 69, 69B, 70, 75A, and 84A. Records began Jan. 1, 1939. STA AV based on 37 yr period. Estimate codes may indicate that non-significant event totals are included.



1975 MEAN DAILY DISCHARGE (cfs)												FIESEL (WACO), TEXAS WATERSHED Y-2	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.032	0.024	C.0 T	0.0	0.004	0.006	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.475	10.612	0.001	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.117	1.812	0.0 T	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.025	0.546	C.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.017	0.120	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.016	0.036	C.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.021	0.013	C.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.018	0.014	C.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.017	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.134	0.007	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.239	0.005	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	1.120	0.004	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.026	0.004	0.819	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.021	0.004	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.017	0.010	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.017	0.032	0.019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.021	0.008	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.025	0.005	0.036	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.024	0.003	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.012	0.002	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.011	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.010	0.002	C.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.011	0.014	C.0	0.0	1.119	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.012	0.005	C.0	0.0	5.397	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.011	0.001	C.0	0.0	0.157	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.010	0.001	0.0	0.0	0.005	0.073	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.007	0.0 T	C.0	0.0	0.0	1.315	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.006	0.0	0.0	0.0	0.524	0.368	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.007	0.0	0.0	0.783	2.823	0.077	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.005	0.0	0.0	0.091	0.122	0.002	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.003	0.0	0.0	0.0	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MEAN	0.0804	0.4752	0.0290	0.0292	0.3282	0.0623	0.0	0.0	0.0	0.0	0.0	0.0	
INCHES	0.450	2.399	0.162	0.158	1.835	0.337	0.0	0.0	0.0	0.0	0.0	0.0	
SIA AV	0.461	0.593	0.713	0.882	1.026	0.626	0.134	0.046	0.156	0.257	0.386	0.495	

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.180316. Records began Jan. 1, 1939. SIA AV based on 37 yr period.

1975 SELECTED RUNOFF EVENT						FIESEL (WACC), TEXAS WATERSHED Y-2					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2, 1975											
RG 00069B			RG 00069B								
2- 2	0.0	0.000	2- 2	200	0.0	0.0	2- 2	100	0.042	0.0	
				300	0.1400	0.14		203	0.057	0.0004	
				330	0.3200	0.30		303	0.205	0.0014	
				700	0.0229	0.36		333	0.522	0.0027	
				730	0.1600	0.47		343	0.978	0.0037	
WATERSHED CONDITIONS:											
35% pasture, Bermudagrass and native grass, good cover,											
moderately grazed; 15% cotton;											
26% fall planted oats; 19%											
row grain sorghum; 1% gravel											
roads. Cropland terraced,											
cultivated on contour.											
				800	0.3400	0.64		353	2.278	0.0057	
				930	0.0267	0.66		403	2.693	0.0087	
				1000	0.5600	0.56		433	3.055	0.0195	
				1030	0.6000	1.26		503	2.718	0.0304	
				1100	0.3000	1.41		603	1.482	0.0462	
				1130	0.4200	1.62		703	1.076	0.0558	
				1200	0.3600	1.81		733	1.430	0.0605	
				1230	0.3000	1.96		753	2.460	0.0654	
				1300	0.1400	2.03		803	3.114	0.0689	
				1750	0.0269	2.16		833	3.724	0.0817	
								903	3.910	0.0960	
								933	3.910	0.1107	
								940	4.497	0.1144	
								1000	7.445	0.1294	
								1010	14.458	0.1431	
								1015	26.538	0.1566	
								1020	43.045	0.1790	
								1025	49.194	0.2079	
								1030	55.643	0.2407	
								1035	60.137	0.2769	
								1040	64.758	0.3160	
								1045	70.634	0.3584	
								1055	81.525	0.4537	
								1105	89.147	0.5605	
								1115	89.147	0.6722	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.007513.

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.007513.



LOCATION: Falls Co., Texas; 18 mi. SE of Waco,; Brazos River Basin. Lat. 31 deg. 28 min. 26 sec. N.; Long. 96 deg. 53 min. 09 sec. W.

AREA: 16.30 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)													FIESEL (WACO), TEXAS WATERSHED Y-6						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.53	3.38	1.66	2.97	7.56	3.67	1.85	1.54	2.94	2.12	1.94	1.69	32.85					
	Q	0.359	1.568	0.036	0.004	0.656	0.373	0.0	0.0	0.000	0.0	0.000	0.0	2.957					
STA AV	P	2.04	2.60	2.25	3.86	3.88	3.58	1.83	2.31	2.93	3.26	2.89	2.53	33.76					
	Q	0.305	0.362	0.396	0.627	0.703	0.608	0.125	0.051	0.136	0.338	0.365	0.341	4.357					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2- 2	0.259	2- 2	0.275	2- 2	0.523	2- 2	1.056	2- 2	1.185	2- 2	1.243	2- 2	1.477	2- 1	1.553		
MAXIMUMS FOR PERIOD OF RECORD																			
		6-10	3.750	3-29	1.900	3-29	2.340	3-29	2.950	3-29	3.130	3-29	3.670	11-22	4.670	4-15	8.450		
		1941		1965		1965		1965		1965		1965		1940		1957			

NOTES: Watershed conditions: 93% fall planted oats; 5% pasture; 2% gravel roads. Cropland terraced and contour tilled; no change in conservation practices. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 42.11-5 (Revised). Precipitation and runoff records began Jan. 1939; station not in operation July 1943 to May 1, 1947; part-year amounts not included in averages. Precipitation data from Thiessen weighted method using rain gages 69B and 75A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975	DAILY PRECIPITATION (inches)												FIESEL (WACO), TEXAS WATERSHED Y-6	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.29	0.0	0.0	0.0	0.0	0.08E	0.36	0.0	0.0	0.0	0.0		
2	0.47	2.30	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	1.11	0.0		
3	0.0	0.45	0.07E	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.11E	0.0	0.35	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.26	0.0	0.14E	0.05E	0.0	0.0	0.0	0.0	0.92	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.14E	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50E	0.0	0.0	0.0	0.11E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.30E	0.0	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	1.00	0.37	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.12E		
15	0.0	0.0	0.0	0.0	0.16E	0.0	0.0	0.0	0.17	0.0	0.0	0.0		
16	0.0	0.0	0.19E	0.0	0.0	0.0	0.0	0.0	0.84	0.0	0.0	0.0		
17	0.0	0.19E	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.0	0.0	0.25	0.0		
20	0.0	0.0	0.0	0.0	0.51	0.0	0.0	0.0	0.77	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	0.0	0.0	0.0		
22	0.0	0.03E	0.0	0.0	0.0	0.0	0.55	0.02E	0.0	0.51	0.0	0.0		
23	0.0	0.12E	0.0	0.0	2.17	0.0	0.30	0.0	0.0	0.36	0.0	0.0		
24	0.0	0.0	0.0	0.0	2.13	0.0	0.0	0.0	0.0	0.58	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.67	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.23	0.0	0.0	0.0	0.0	0.0	1.57		
27	0.0	0.0	0.0	0.0	0.0	0.83	0.0	0.37	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.73	0.88	0.49	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.99	0.60	0.0	0.22	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.58	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.53	3.38	1.66	2.97	7.56	3.67	1.85	1.54	2.94	2.12	1.94	1.69		
STA AV	2.04	2.60	2.25	3.86	3.88	3.58	1.83	2.31	2.93	3.26	2.89	2.53		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 69E and 75A. Records began Jan. 1939; station not in operation July 1943 to May 1, 1947; part-year amounts not included in averages. STA AV based on 32 yr period. Escimate codes may indicate that non-significant event totals are included.

1975	MEAN DAILY DISCHARGE (cfs)												FIESEL (WACO), TEXAS		WATERSHED Y-6
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Cct	Nov	Dec			
1	0.000	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
3	0.011	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
4	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	0.000	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
6	0.002	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
7	0.002	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
8	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
9	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
10	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
11	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
12	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
13	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
14	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
15	0.002	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
16	0.002	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
17	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
18	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
19	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
20	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
21	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
22	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
23	0.000	0.000	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
24	0.000	0.000	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
25	0.000	0.000	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
26	0.000	0.000	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0			
27	0.000	0.000	0.0	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0			
28	0.000	0.000	0.0	0.0	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0			
29	0.000	0.000	0.0	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0			
30	0.000	0.000	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	0.000	0.000	0.0	0.0	0.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
MEAN	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0	0.0	0.0	0.0	0.0			
INCHES	0.000	0.000	0.000	0.000	0.000	0.000	0.0	0.0	0.000	0.0	0.000	0.0			
STA AV	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.460224. Records began Jan. 1935; station not in operation July 1943 to May 1, 1947; part-year amounts not included in averages. STA AV based on 32 yr period.

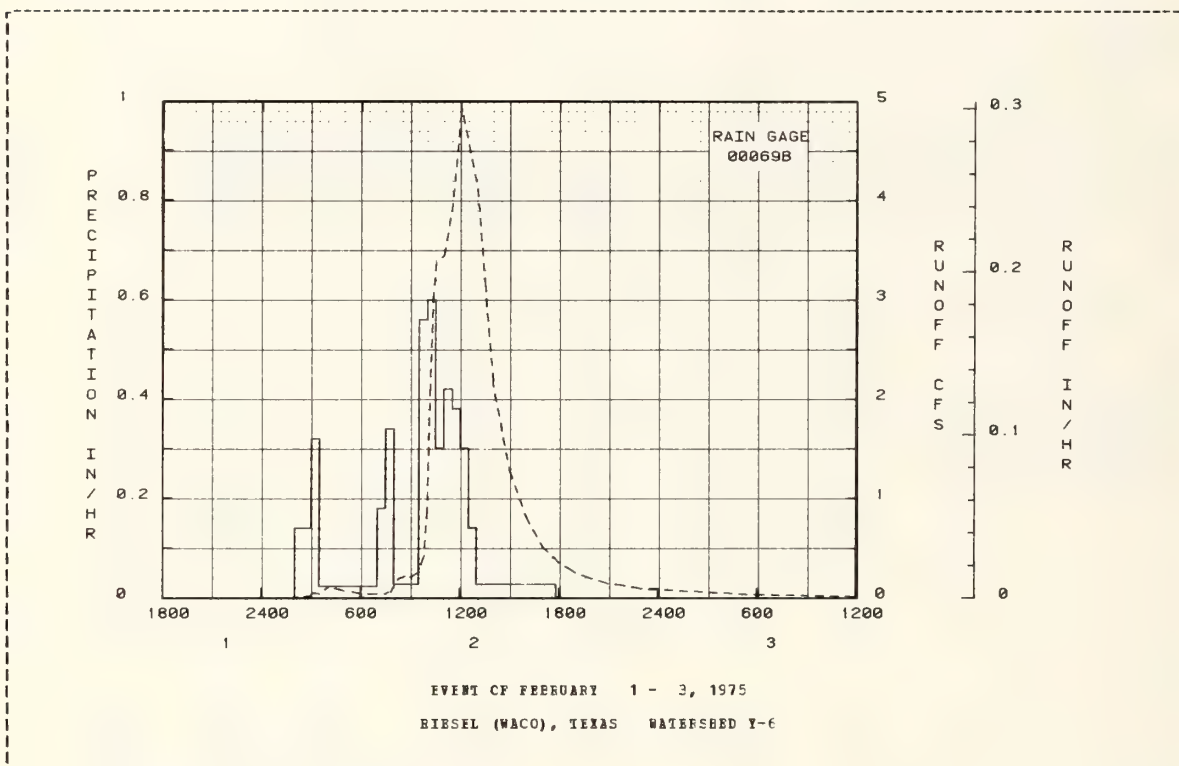
1975	SELECTED RUNCFF EVENT						FIESEL (WACC), TEXAS						WATERSHED Y-6
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF						
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.			
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)			
EVENT OF FEBRUARY 1 - 3, 1975													
RG 000695			FG 000695										
2- 2	0.0		2- 2	200	0.0	0.0	2- 1	1800	0.002	0.0			
2- 1		0.002		300	0.1400	0.14		2200	0.002	0.0005			
				330	0.3200	0.30		2300	0.002	0.0006			
				700	0.0225	0.38		2400	0.003	0.0008			
				730	0.1800	0.47	2- 2	200	0.003	0.0011			
WATERSHED CONDITIONS:													
93% fall planted oats; 5%					800	0.3400	0.64	211	0.006	0.0012			
pasture, bermudagrass, good					930	0.0267	0.68	301	0.022	0.0019			
cover, moderately grazed;					1000	0.5600	0.56	306	0.047	0.0021			
2% gravel roads. Cropland					1030	0.6000	1.26	311	0.049	0.0023			
terraced, cultivated on					1100	0.3000	1.41	331	0.044	0.0032			
contour.													
				1130	0.4200	1.62		351	0.076	0.0045			
				1200	0.3600	1.81		401	0.110	0.0054			
				1230	0.3000	1.96		501	0.066	0.0107			
				1300	0.1400	2.03		601	0.037	0.0135			
				1750	0.0269	2.16		701	0.040	0.0162			
								731	0.040	0.0174			
								741	0.058	0.0175			
								751	0.055	0.0185			
								801	0.120	0.0194			
								821	0.205	0.0227			
								841	0.220	0.0270			
								901	0.215	0.0315			
								931	0.263	0.0367			
								951	0.427	0.0457			
								1001	0.906	0.0525			
								1011	2.145	0.0680			
								1021	2.998	0.0940			
								1031	3.375	0.1264			
								1101	3.452	0.2303			
								1131	3.969	0.3431			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.060843.



1975 SELECTED RUNOFF EVENT			RIESEL (WACO), TEXAS WATERSHED Y-6							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 1 - 3, 1975 (CONTINUED)										
							2- 2	1201	4.920	0.4784
								1301	4.111	0.7531
								1331	3.082	0.8625
								1401	2.121	0.5416
								1501	1.272	1.0449
								1601	0.806	1.1081
								1701	0.505	1.1481
								1801	0.354	1.1743
								1900	0.245	1.1924
								2000	0.188	1.2057
								2100	0.137	1.2155
								2200	0.116	1.2232
								2300	0.053	1.2286
								2400	0.083	1.2350
							2- 3	600	0.031	1.2558

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000843.



RIESEL (WACO), TEXAS WATERSHED Y-7

LOCATION: Falls Co., Texas; 18 mi. SE of Waco; Brazos River basin. Lat. 31 deg. 28 min. 06 sec. N.; Long. 96 deg. 52 min. 49 sec. W.

AREA: 40.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														RIESEL (WACO), TEXAS WATERSHED Y-7	
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual		
1975	P 1.46 Q 0.324	3.68 1.763	1.45 0.218	2.81 0.155	6.34 1.940	3.35 0.067	1.29 0.0	1.37 0.0	3.03 0.0	1.99 0.0	1.86 0.0	1.53 0.0	30.16 4.466		
STA AV	P 2.08 Q 0.381	2.64 0.488	2.27 0.600	3.95 0.841	3.85 0.858	3.56 0.702	1.79 0.118	2.36 0.100	2.88 0.225	3.25 0.313	2.92 0.477	2.34 0.437	33.51 5.538		
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days		5 Days	
Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975	2-2 0.344	2-2 0.312		2-2 0.606		2-2 1.156		2-2 1.325		2-2 1.442		2-2 1.701		5-23 1.940	
MAXIMUMS FOR PERIOD OF RECORD															
6-10 1941	3.590	4-19 1957	2.340	3-29 1965	2.960	3-29 1965	3.580	3-29 1965	3.840	3-25 1965	4.660	11-22 1940	5.370	4-19 1957	8.890

NOTES: Watershed conditions: 55% pasture, Bermuda grass, moderately grazed; 45% grain sorghum. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1154, p. 42.11-5 (Revised). Precipitation and runoff records began Jan. 1935; station not in operation from July 1943 to May 1, 1947; part-year amounts not included in averages. Precipitation data from Thiessen weighted method using rain gages 89 and W-2A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)														RIESEL (WACO), TEXAS WATERSHED Y-7	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.0	0.24	0.0	0.0	0.0	0.0	0.14E	0.33	0.0	0.0	0.0	0.0	0.0		
2	0.45	2.58	0.0	0.0	0.0	0.0	0.0	0.49	0.0	0.0	1.21	0.0	0.0		
3	0.0	0.48	0.05E	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.01E	0.0	0.17E	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.41	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	0.0		
9	0.26	0.0	0.14E	0.06E	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50E	0.0	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.94	0.34	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11E		
15	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.82	0.0	0.0	0.0	0.0		
17	0.0	0.23E	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.46	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.86	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.50	0.04E	0.0	0.47	0.0	0.0	0.0		
23	0.0	0.15E	0.0	0.0	2.12	0.0	0.06E	0.0	0.0	0.37	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.24	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.81	0.0	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	1.93	0.0	0.0	0.0	0.0	0.0	0.0	1.42		
27	0.0	0.0	0.0	0.0	0.0	0.74	0.0	0.36	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.68	0.68	0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	1.05	0.90	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.05E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5E	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.46	3.68	1.45	2.81	6.34	3.35	1.25	1.37	3.03	1.99	1.86	1.53			
STA AV	2.08	2.64	2.27	3.95	3.85	3.56	1.79	2.36	2.88	3.25	2.92	2.34			

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 89 and W-2A. Records began Jan. 1939; station not in operation from July 1943 to May 1, 1947; part-year amounts not included in averages. STA AV based on 32 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) FIESEL (WACC), TEXAS WATERSHED Y-7												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.086	2.385	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.036	0.406	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.001	0.151	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.057	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.350	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.001	0.0	0.356	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0 T	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.316	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	2.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.034	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.075	0.066	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.225	0.809	0.017	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.035	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0176	0.1058	0.0118	0.0087	0.1052	0.0037	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.324	1.763	0.218	0.155	1.540	0.067	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.381	0.468	0.600	0.841	0.858	0.702	0.118	0.100	0.225	0.313	0.477	0.437

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.595041. Records began Jan. 1935; station not in operation from July 1943 to May 1, 1947; part-year amounts not included in averages. STA AV based on 32 yr period.

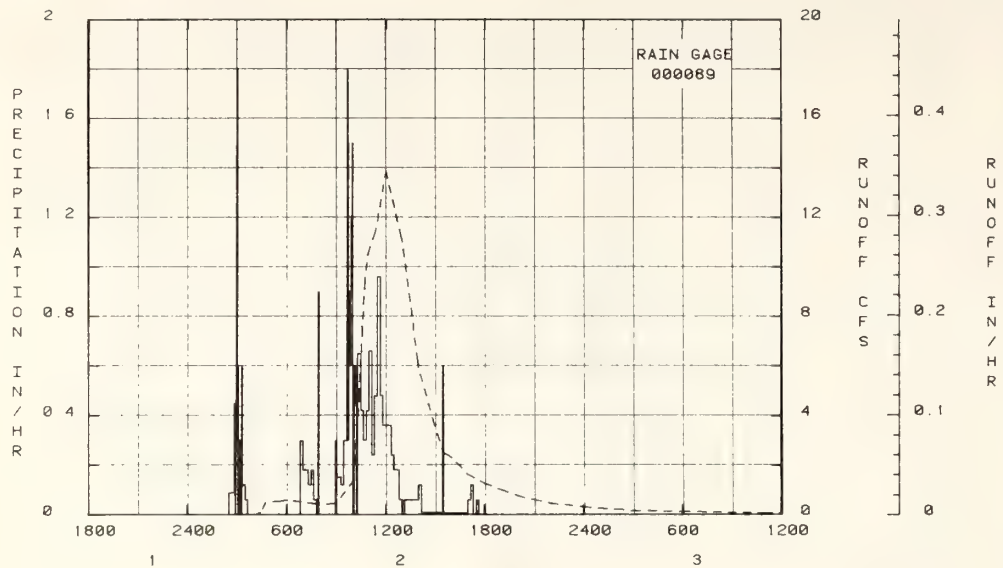
1975			SELECTED RUNOFF EVENT			FIESEL (WACC), TEXAS			WATERSHED Y-7		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 1 - 3, 1975											
BG 000089			FG 000089								
2- 2	0.0	0.0	2- 2	230	0.0	0.0	2- 2	304	0.0	0.0	
				250	0.0500	0.03		309	0.010	0.0000	
				254	0.4500	0.06		314	0.029	0.0000	
				256	0.0	0.06		404	0.008	0.0004	
				258	0.3000	0.07		414	0.036	0.0005	
WATERSHED CONDITIONS: 55% pasture, Bermudagrass, fair cover, moderately grazed; 45% grain sorghum.				300	1.5000	0.12		424	0.112	0.0008	
				302	1.8000	0.18		434	0.244	0.0016	
				304	0.6000	0.20		444	0.595	0.0031	
				306	0.6000	0.22		559	0.601	0.0203	
				308	0.3000	0.23		759	0.423	0.0457	
				310	0.0	0.23		859	0.478	0.0565	
				314	0.3000	0.25		1000	1.317	0.0795	
				318	0.0	0.25		1005	1.793	0.0827	
				320	0.6000	0.27		1015	3.084	0.0928	
				330	0.1200	0.25		1025	5.085	0.1097	
				340	0.0600	0.30		1035	7.304	0.1353	
				350	0.0	0.30		1045	9.583	0.1702	
				650	0.0	0.30		1055	10.533	0.2117	
				700	0.3000	0.25		1125	11.546	0.3486	
				710	0.1800	0.38		1200	13.859	0.5323	
				720	0.1800	0.41		1300	10.592	0.6404	
				730	0.1200	0.43		1400	5.937	1.0502	
				740	0.1800	0.46		1500	3.550	1.1678	
				750	0.0600	0.47		1530	2.505	1.2054	
				756	0.0	0.47		1600	2.310	1.2352	
				758	0.9000	0.50		1700	1.620	1.2835	
				858	0.0	0.50		1800	1.258	1.3196	
				902	0.3000	0.52		1900	1.012	1.3477	
				906	0.1500	0.53		2000	0.757	1.3697	
				910	0.1500	0.54		2100	0.601	1.3865	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.024793.

1975	SELECTED RUNCPP EVENT					PIESEL (WACC), TEXAS					WATERSHED T-7	
ANTECEDENT CONDITIONS			RAINFALL			RUNCPP						
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 1 - 3, 1975 (CONTINUED)												
2- 2	914		914		0.1500	0.55	2- 2	2200	0.462	1.3957		
	918		918		0.1500	0.56		2400	0.318	1.4150		
	928		928		0.1200	0.56	2- 3	100	0.256	1.4261		
	938		938		0.3000	0.63		200	0.217	1.4320		
	940		940		0.3000	0.64		300	0.174	1.4365		
	942		942		1.8000	0.70		400	0.165	1.4411		
	944		944		1.5000	0.72		600	0.135	1.4465		
	946		946		0.3000	0.76						
	948		948		0.6000	0.78						
	950		950		0.9000	0.81						
2- 3	952		952		0.6000	0.83						
	954		954		0.9000	0.86						
	956		956		1.2000	0.90						
	958		958		1.2000	0.94						
	1000		1000		1.5000	0.95						
	1002		1002		0.6000	1.01						
	1004		1004		0.0	1.01						
	1006		1006		0.0	1.01						
	1010		1010		0.6000	1.05						
	1014		1014		0.4500	1.08						
2- 3	1018		1018		0.0	1.08						
	1030		1030		0.6500	1.21						
	1040		1040		0.4200	1.26						
	1050		1050		0.3000	1.33						
	1100		1100		0.4200	1.40						
	1110		1110		0.6600	1.51						
	1120		1120		0.2400	1.55						
	1130		1130		0.4800	1.63						
	1140		1140		0.9600	1.75						
	1150		1150		0.4800	1.87						
2- 3	1200		1200		0.3600	1.93						
	1210		1210		0.3600	1.99						
	1220		1220		0.3600	2.05						
	1230		1230		0.2400	2.09						
	1240		1240		0.1600	2.12						
	1250		1250		0.1600	2.15						
	1300		1300		0.0600	2.16						
	1310		1310		0.0	2.16						
	1340		1340		0.0600	2.15						
	1400		1400		0.0600	2.21						
2- 3	1410		1410		0.1200	2.23						
	1520		1520		0.0086	2.24						
	1528		1528		0.0	2.24						
	1530		1530		0.6000	2.26						
	1700		1700		0.0067	2.27						
	1710		1710		0.0600	2.28						
	1720		1720		0.1200	2.30						
	1730		1730		0.0	2.30						
	1740		1740		0.0600	2.31						
	1750		1750		0.0	2.31						

NOTES: To convert runoff in CFS to I&BF, multiply by 0.024753.





EVENT OF FEBRUARY 1 - 3, 1975  
RIESEL (WACC), TEXAS WATERSHED Y-7

FIESEL (WACC), TEXAS WATERSHED Y-8

LOCATION: Falls Co., Texas; 18 mi. SE of Waco; Brazos River Basin. Lat. 31 deg. 28 min. 22 sec. N.; Long. 96 deg. 52 min. 54 sec. W.

AREA: 20.80 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								FIESEL (WACC), TEXAS			WATERSHED Y-8								
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.56	3.37	1.61	2.92	6.65	3.58	1.78	1.45	2.93	2.30	2.14	1.85	32.12					
	Q	0.233	1.611	0.031	0.120	2.087	0.055	0.0	0.0	0.0	0.0	0.0	0.0	4.136					
STA AV	P	1.96	2.61	2.32	3.94	3.76	3.70	1.88	2.35	3.03	3.39	2.53	2.36	34.27					
	Q	0.342	0.407	0.471	0.731	0.768	0.651	0.154	0.064	0.188	0.305	0.401	0.389	4.874					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		6 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-23	0.478	5-23	0.305	2- 2	0.523	2- 2	0.956	2- 2	1.085	5-23	1.415	2- 2	1.512	5-24	2.087		
MAXIMUMS FOR PERIOD OF RECORD																			
		6-10	3.250	4-19	2.410	4-19	2.800	4-23	3.320	4-23	3.370	3-25	3.590	11-22	5.640	4-15	9.100		
		1941		1957		1957		1957		1957		1965		1940		1957			

NOTES: Watershed conditions: 95% row grain sorghum; 3% pasture; 2% gravel roads. Cropland terraced and contour tilled; no change in conservation practices. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 42.11-5 (revised). Precipitation and runoff records began Mar. 1, 1959; station not in operation July 1943 to Jan. 1, 1949; part-year amounts not included in averages. Precipitation data obtained from rain gage 75A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													FIESEL (WACC), TEXAS WATERSHED Y-8	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.28	0.0	0.0	0.0	0.0	0.05E	0.38	0.0	0.0	0.0	0.0		
2	0.46	2.41	0.0	0.0	0.0	0.0	0.0	0.46	0.0	0.0	1.28	0.0		
3	0.0	0.37	0.08E	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.11E	0.0	0.38	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.27	0.0	0.15E	0.05E	0.0	0.0	0.0	0.0	0.91	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.10E	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50E	0.0	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.27E	0.0	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.95	0.38	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.14	0.0	0.0	0.0		0.12E
16	0.0	0.0	0.18E	0.0	0.0	0.0	0.0	0.0	0.86	0.0	0.0	0.0		
17	0.0	0.21E	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.25	0.0		
20	0.0	0.0	0.0	0.0	0.58	0.0	0.0	0.0	0.79	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.56	0.04E	0.0	0.49	0.0	0.0		
23	0.0	0.10E	0.0	0.0	2.10	0.0	0.21	0.0	0.0	0.38	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.14	0.0	0.0	0.0	0.0	0.40	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.03	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.14	0.0	0.0	0.0	0.0	0.0	1.73		
27	0.0	0.0	0.0	0.0	0.0	0.82	0.0	0.38	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.72	0.61	0.49	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	1.00	0.89	0.0	0.15	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.61	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.50	3.37	1.61	2.92	6.65	3.58	1.78	1.45	2.93	2.30	2.14	1.85		
STA AV	1.98	2.61	2.32	3.94	3.78	3.70	1.88	2.35	3.03	3.39	2.53	2.36		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage 75A. Records began Mar. 1, 1959; station not in operation July 1943 to Jan. 1, 1949; part-year amounts not included in averages. STA AV based on 30 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs)												EISEL (WACO), TEXAS WATERSHED Y-8	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.004	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.058	1.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.013	0.285	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.003	0.084	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.001	0.016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.001	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.003	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.007	0.0	0.022	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.003	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.002	0.001	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.002	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.002	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.002	0.0	0.0	0.212	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	1.046	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.001	0.0	0.0	0.0	0.033	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.040	0.010	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.101	0.478	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.004	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MEAN	0.0066	0.0503	0.0009	0.0035	0.0588	0.0016	0.0	0.0	0.0	0.0	0.0	0.0	
INCHES	0.233	1.611	0.031	0.120	2.087	0.055	0.0	0.0	0.0	0.0	0.0	0.0	
STA AV	0.342	0.407	0.471	0.731	0.768	0.651	0.154	0.064	0.188	0.305	0.401	0.385	

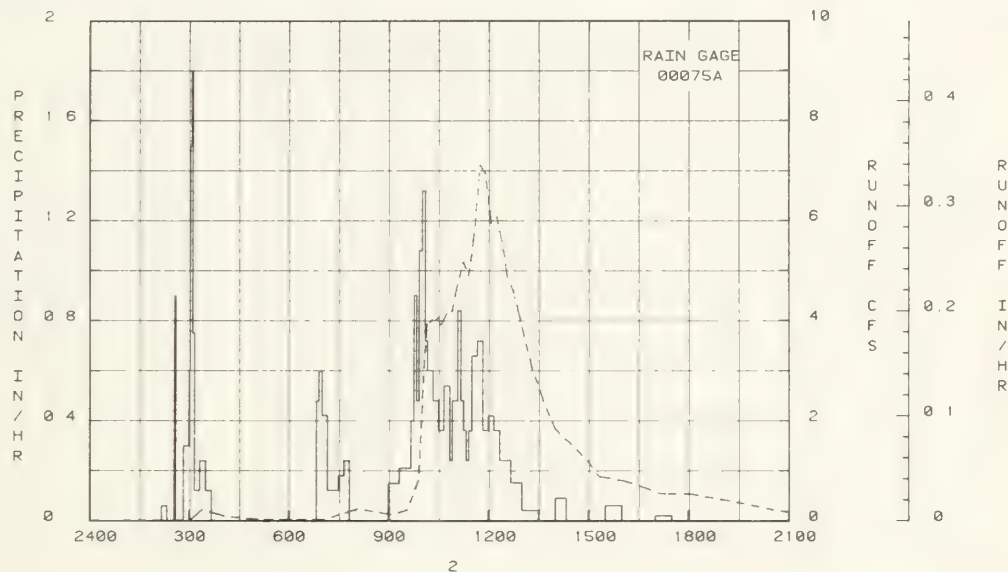
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.144310. Records began Mar. 1, 1939; station not in operation July 1943 to Jan. 1, 1949; part-year amounts not included in averages. STA AV based on 30 yr period.

1975 SELECTED RUNOFF EVENT						EISEL (WACO), TEXAS WATERSHED Y-8						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF						
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 2, 1975												
RG 00075A			RG 00075A									
2- 2	0.0	0.000	2- 2	10	0.0	0.0	2- 2	100	0.010	0.0		
				210	0.0	0.0		200	0.008	0.0004		
				220	0.0000	0.01		249	0.006	0.0007		
				234	0.0	0.01		304	0.041	0.0010		
				236	0.9000	0.04		324	0.225	0.0031		
WATERSHED CONDITIONS: 95% row grain sorghum; 3% pasture, Bermudagrass, good cover, moderately grazed, dormant; 2% gravel roads. Cropland terraced, culti- vated on contour.				250	0.0	0.04		344	0.150	0.0061		
				300	0.3000	0.05		404	0.050	0.0080		
				302	0.6000	0.11		504	0.032	0.0109		
				304	1.5000	0.16		604	0.017	0.0121		
				306	1.8000	0.22		704	0.026	0.0131		
				310	0.7500	0.27		804	0.244	0.0155		
				320	0.1200	0.25		904	0.120	0.0282		
				330	0.2400	0.33		934	0.219	0.0322		
				340	0.1200	0.35		954	0.807	0.1404		
				650	0.0	0.35		1004	3.063	0.1558		
				655	0.4000	0.35		1009	3.939	0.1697		
				700	0.6000	0.44		1014	3.979	0.0854		
				710	0.4200	0.51		1019	4.019	0.1013		
				730	0.1200	0.55		1024	3.959	0.1172		
				740	0.1000	0.58		1029	4.059	0.1332		
				750	0.2400	0.62		1034	3.919	0.1491		
				900	0.0	0.62		1044	4.135	0.1811		
				920	0.1500	0.67		1054	4.160	0.2142		
				940	0.2100	0.74		1104	4.719	0.2495		
				946	0.4000	0.76		1114	5.172	0.2888		
				950	0.9000	0.84		1124	4.890	0.3288		
				955	0.4000	0.88		1134	5.754	0.3711		
				1000	1.0000	0.97		1144	7.106	0.4222		
				1005	1.3200	1.08		1154	6.934	0.4760		
				1010	0.7200	1.14		1204	5.937	0.5251		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.047680.

1975 SELECTED RUNOFF EVENT			RIESEL (WACC), TEXAS WATERSHED Y-8							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)										
			2- 2	1020	0.6000	1.24	2- 2	1214	6.076	0.5769
				1030	0.4800	1.32		1224	5.572	0.6231
				1040	0.3600	1.38		1234	4.847	0.6645
				1050	0.5400	1.47		1244	4.553	0.7020
				1055	0.2400	1.45		1254	4.160	0.7368
				1100	0.4800	1.53		1304	3.664	0.7680
				1105	0.4800	1.57		1319	3.029	0.8080
				1110	0.8400	1.64		1339	2.384	0.8510
				1115	0.4800	1.66		1359	1.836	0.8845
				1120	0.3600	1.71		1419	1.620	0.9120
				1125	0.2400	1.73		1439	1.410	0.9361
				1130	0.3600	1.76		1459	1.181	0.9567
				1140	0.6600	1.87		1519	0.874	0.9730
				1150	0.7200	1.59		1539	0.844	0.9867
				1200	0.3600	2.05		1559	0.759	0.9957
				1210	0.4200	2.12		1615	0.743	1.0120
				1220	0.3600	2.18		1639	0.663	1.0231
				1240	0.2400	2.26		1709	0.542	1.0375
				1300	0.1500	2.31		1719	0.531	1.0418
				1330	0.0400	2.33		1724	0.526	1.0439
				1400	0.0	2.33		1804	0.526	1.0606
				1420	0.0500	2.36		1900	0.423	1.0817
				1530	0.0	2.36		2400	0.160	1.1512
				1600	0.0600	2.39				
				1700	0.0	2.35				
				1730	0.0200	2.40				

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.047660.



EVENT OF FEBRUARY 2, 1975  
RIESEL (WACO), TEXAS WATERSHED Y-8



RIESEL (WACO), TEXAS WATERSHED Y-10

LOCATION: Falls Co., Texas; 18 mi. SE of Waco; Brazos River Basin. Lat. 31 deg. 28 min. 31 sec. N.; Long. 96 deg. 53 min. 10 sec. W.

AREA: 18.60 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								RIESEL (WACO), TEXAS WATERSHED Y-10									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.45	3.43	1.67	3.13	7.38	3.74	1.51	1.55	2.95	1.98	1.82	1.55	32.68			
	Q	0.082	1.573	0.005	0.266	2.623	0.740	0.0	0.0	0.0	0.0	0.0	0.0	5.289			
STA AV	P	2.11	2.52	2.28	3.87	3.89	3.46	1.80	2.27	2.93	3.16	2.84	2.37	33.52			
	Q	0.406	0.411	0.536	0.842	0.757	0.703	0.173	0.078	0.281	0.346	0.441	0.418	5.360			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge Date	1 Hour Date	Vol.	2 Hours Date	Vol.	Maximum Volume for Selected Time Interval		12 Hours Date	Vol.	1 Day Date	Vol.	2 Days Date	Vol.	8 Days Date	Vol.	
1975		5-23	0.747	5-23	0.483	5-23	0.730	2- 2	1.021	2- 2	1.122	5-23	1.797	5-23	1.864	5-22	2.623
MAXIMUMS FOR PERIOD OF RECORD																	
		4-15	3.730	4-19	2.900	4-19	3.480	3-29	4.130	3-29	4.270	3-29	4.620	4-22	5.340	4-19	10.570
		1957		1957		1957		1965		1965		1965		1957		1957	

NOTES: Watershed conditions: 93% cotton; 4% pasture; 3% gravel roads. Cropland terraced and contour tilled; no change in conservation practices. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 42.11-5 (Revised). Precipitation and runoff records began July 1, 1938; station not in operation July 1943 to May 1, 1946; part-year amounts not included in averages. Precipitation data from Thiessen weighted method using rain gages 65 and 65E. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975	DAILY PRECIPITATION (inches)												RIESEL (WACO), TEXAS WATERSHED Y-10	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.32	0.0	0.0	0.0	0.0	0.10E	0.36	0.0	0.0	0.0	0.0		
2	0.47	2.28	0.0	0.01E	0.0	0.0	0.0	0.54	0.0	0.0	0.97	0.0		
3	0.0	0.49	0.06E	0.0	0.0	0.0	0.0	0.26	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.11E	0.0	0.31	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.31	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0		
9	0.26	0.0	0.14E	0.05E	0.0	0.0	0.0	0.02E	0.90	0.0	0.0	0.0		
10	0.0 1	0.0	0.0	0.16E	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50S	0.0	0.0	0.0	0.10E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.26S	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	1.02	0.36	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.13E		
15	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.18	0.0	0.0	0.0		
16	0.0	0.0	0.19E	0.0	0.0	0.0	0.0	0.0	0.85	0.0	0.0	0.0		
17	0.0	0.15E	0.19E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.0	0.0	0.26	0.0		
20	0.0	0.0	0.0	0.0	0.47	0.0	0.0	0.0	0.76	0.0	0.22	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0		
22	0.0	0.05E	0.0	0.0	0.0	0.0	0.58	0.01E	0.0	0.51	0.0	0.0		
23	0.0	0.14E	0.0	0.0	0.0	2.12	0.0	0.35	0.0	0.0	0.34	0.0		
24	0.0	0.0	0.0	0.0	2.08	0.0	0.0	0.0	0.0	0.54	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.59	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.30	0.0	0.0	0.0	0.0	0.0	1.46		
27	0.0	0.0	0.0	0.0	0.0	0.85	0.0	0.40	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.77	0.88	0.47	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	1.05	0.80	0.0	0.23	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.37	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.45	3.43	1.67	3.13	7.38	3.74	1.91	1.59	2.95	1.98	1.82	1.55		
STA AV	2.11	2.52	2.28	3.87	3.89	3.46	1.80	2.27	2.93	3.16	2.84	2.37		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 65 and 65E. Records began July 1, 1938; station not in operation July 1943 to May 1, 1946; part-year amounts not included in averages. STA AV based on 33 yr period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs)													RIESEL (WACO), TEXAS WATERSHED Y-10	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	0.006	0.501	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.003	0.243	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	0.0	0.069	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.501	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	0.937	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.019	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	0.068	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.369	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.0	0.054	0.139	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.191	0.495	0.001	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.0	0.016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
MEAN	0.0021	0.0439	0.0001	0.0069	0.0661	0.0193	0.0	0.0	0.0	0.0	0.0	0.0		
INCHES	0.082	1.573	0.005	0.266	2.623	0.740	0.0	0.0	0.0	0.0	0.0	0.0		
STA AV	0.406	0.411	0.536	0.842	0.757	0.703	0.173	0.078	0.281	0.346	0.441	0.418		

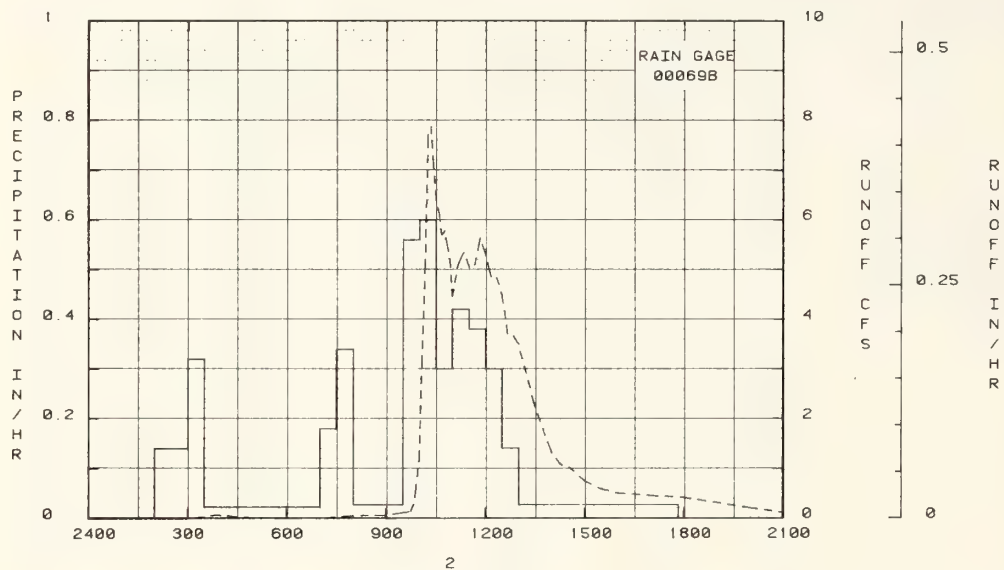
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.275655. Records began July 1, 1938; station not in operation July 1943 to May 1, 1946; part-year amounts not included in averages. STA AV based on 32 yr period.

1975 SELECTED RUNOFF EVENT												RIESEL (WACO), TEXAS		WATERSHED Y-10	
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF								
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.					
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)					
EVENT OF FEBRUARY 2, 1975															
EG 00069B			EG 00069B												
2- 2	0.0	0.0	2- 2	200	0.0	0.0	2- 2	304	0.0	0.0					
				300	0.1400	0.14		310	0.0	0.0					
				330	0.3200	0.30		320	0.031	0.0001					
				700	0.0229	0.38		330	0.034	0.0004					
				730	0.1600	0.47		350	0.069	0.0014					
WATERSHED CONDITIONS: 93% cotton; 4% pasture, Bermudagrass, good cover, moderately grazed, dormant; 3% gravel roads. Cropland terraced, contour culti- vation.				800	0.3400	0.64		400	0.056	0.0019					
				930	0.0267	0.68		430	0.021	0.0029					
				1000	0.5600	0.56		500	0.010	0.0034					
				1030	0.6000	1.26		600	0.002	0.0037					
				1100	0.3000	1.41		700	0.003	0.0038					
				1130	0.4200	1.62		800	0.055	0.0053					
				1200	0.3600	1.81		900	0.056	0.0063					
				1230	0.3000	1.96		940	0.135	0.0117					
				1300	0.1400	2.03		945	0.146	0.0123					
				1750	0.0269	2.16		950	0.284	0.0133					
								955	0.653	0.0155					
								1000	1.205	0.0157					
								1005	3.267	0.0256					
								1010	5.063	0.0481					
								1015	7.731	0.0766					
								1020	7.864	0.1112					
								1025	7.032	0.1444					
								1030	6.361	0.1742					
								1035	6.123	0.2020					
								1040	5.686	0.2282					
								1045	5.777	0.2537					
								1050	5.505	0.2787					
								1055	5.154	0.3025					
								1100	4.447	0.3235					
								1110	5.107	0.3664					

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.053315.

1975 SELECTED RUNOFF EVENT			RIESEL (WACC), TEXAS			WATERSHED Y-10		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)
Acc. (inches)								
EVENT OF FEBRUARY 2, 1975 (CONTINUED)								
				2- 2			1120	5.349
							1130	5.041
							1140	5.085
							1150	5.640
							1200	5.282
							1210	4.847
							1220	4.826
							1230	4.467
							1240	3.704
							1250	3.665
							1300	3.493
							1330	2.227
							1400	1.314
							1415	1.050
							1420	1.055
							1430	1.029
							1500	0.736
							1530	0.583
							1600	0.504
							1700	0.447
							1800	0.409
							2000	0.201
							2400	0.111

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.053319.



EVENT OF FEBRUARY 2, 1975  
RIESEL (WACO), TEXAS WATERSHED Y-10

RIESEL (WACO), TEXAS SW-11

LOCATION: Falls County, Texas; 19 miles southeast of Waco; Brazos River Basin. Lat. 31 deg. 20 min. 02 sec. N.; Long. 96 deg. 52 min. 04 sec. W.

AREA: 2.66 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										RIESEL (WACO), TEXAS SW-11							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.46	3.70	1.45	2.81	6.27	3.36	1.30	1.37	3.03	1.99	1.86	1.53	30.13			
	Q	0.114	1.935	0.0	0.022	2.218	0.019	0.0	0.0	0.001	0.0	0.001	0.0	4.311			
STA AV	P	1.88	2.46	2.29	3.49	3.55	3.66	2.33	2.44	3.32	4.08	3.02	2.67	35.21			
	Q	0.342	0.433	0.501	0.328	0.314	0.804	0.058	0.005	0.447	0.707	0.624	0.566	5.328			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 hour		2 hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-23	0.946	5-23	0.614	2- 2	0.973	2- 2	1.505	2- 2	1.592	5-23	1.683	2- 2	1.874	5-22	2.218
MAXIMUMS FOR PERIOD OF RECORD																	
		10-31	6.670	6- 3	2.407	6- 3	2.791	10-31	3.069	10-31	3.452	10-30	3.775	11-22	5.500	11-21	6.220
		1940		1973		1973		1974		1974		1974		1940		1940	

NOTES: Watershed conditions: 100% fall planted cats. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1969, USDA Misc. Pub. 1370, p. 42.023-5. Precipitation and runoff records began March 1938; discontinued July 1943; reestablished July 1, 1969. Part-year amounts are included in station averages. Precipitation data from rain gage 89. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975		DAILY PRECIPITATION (inches)						RIESEL (WACO), TEXAS SW-11					
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.24	0.0	0.0	0.0	0.0	0.14E	0.33	0.0	0.0	0.0	0.0	
2	0.45	2.58	0.0	0.0	0.0	0.0	0.0	0.49	0.0	0.0	1.21	0.0	
3	0.0	0.50	0.05E	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.01E	0.0	0.17	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.41	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	
9	0.26	0.0	0.14E	0.36E	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.50S	0.0	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.94	0.34	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.11E	
15	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.15	0.0	0.0	0.0	
16	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.82	0.0	0.0	0.0	
17	0.0	0.23E	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.46	0.0	0.0	0.0	0.0	0.0	0.10	0.0	
20	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.86	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.51	0.04E	0.0	0.47	0.0	0.0	
23	0.0	0.15E	0.0	0.0	2.11	0.0	0.06E	0.0	0.0	0.37	0.0	0.0	
24	0.0	0.0	0.0	0.0	1.18	0.0	0.0	0.0	0.0	0.34	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.81	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	1.53	0.0	0.0	0.0	0.0	0.0	1.42	
27	0.0	0.0	0.0	0.0	0.0	0.75	0.0	0.36	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.62	0.68	0.55	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	1.05	0.50	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.05E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.46	3.70	1.45	2.81	6.27	3.36	1.30	1.37	3.03	1.95	1.86	1.53	
STA AV	1.88	2.48	2.29	3.45	3.55	3.66	2.33	2.44	3.32	4.08	3.02	2.67	

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage 89. Records began March 1938; discontinued July 1943; reestablished July 1, 1969. Part-year amounts are included in averages. STA AV based on 13 yr record period. Estimate codes may indicate that non-significant event totals are included.



1975 MEAN DAILY DISCHARGE (cfs) FIESSEL (WACO), TEXAS SW-11												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.001	0.179	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.072	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.116	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.001	0.002	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.003	0.058	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0004	0.0077	0.0	0.0001	0.0080	0.0001	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.114	1.935	0.0	0.022	2.218	0.019	0.0	0.0	0.001	0.0	0.001	0.0
STA AV	0.342	0.432	0.501	0.328	0.314	0.604	0.058	0.005	0.447	0.707	0.824	0.566

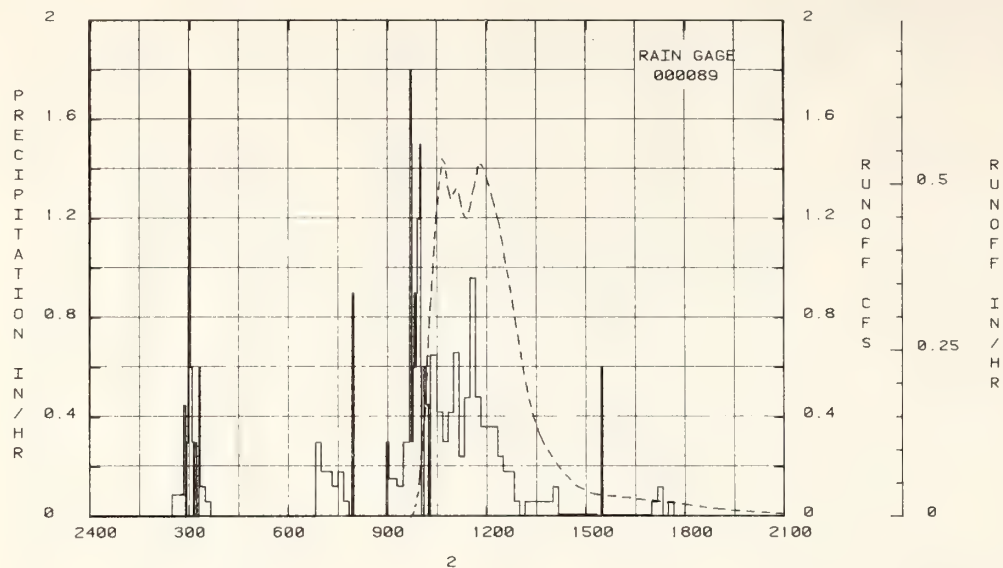
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.547950. Records began March 1938; discontinued July 1943; reestablished July 1, 1969. Part-year amounts are included in averages. STA AV based on 13 yr record period.

1975	SELECTED RUNOFF EVENT					FIESSEL (WACO), TEXAS SW-11						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF						
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 2, 1975												
RG 0000E9			EG 0000E9									
2- 2	0.0	0.0	2- 2	230	0.0	0.0	2- 2	940	0.0	0.0		
				250	0.0500	0.03		944	0.005	0.0001		
				254	0.4500	0.06		946	0.007	0.0001		
				256	0.0	0.06		948	0.022	0.0003		
				258	0.3000	0.07		950	0.039	0.0007		
WATERSHED CONDITIONS: 100% fall planted oats.												
				300	1.5000	0.12		952	0.055	0.0013		
				302	1.8000	0.18		954	0.077	0.0021		
				304	0.6000	0.20		956	0.102	0.0032		
				306	0.6000	0.22		958	0.153	0.0048		
				308	0.3000	0.23		1000	0.202	0.0070		
				310	0.0	0.23		1002	0.246	0.0098		
				314	0.3000	0.25		1004	0.304	0.0132		
				318	0.0	0.25		1006	0.357	0.0173		
				320	0.6000	0.27		1008	0.414	0.0221		
				330	0.1200	0.29		1010	0.521	0.0279		
				340	0.0600	0.30		1012	0.622	0.0350		
				350	0.0	0.30		1014	0.704	0.0432		
				650	0.0	0.30		1016	0.796	0.0526		
				700	0.3000	0.35		1018	0.851	0.0628		
				710	0.1800	0.38		1020	0.923	0.0738		
				720	0.1800	0.41		1022	0.987	0.0857		
				730	0.1200	0.43		1024	1.088	0.0986		
				740	0.1800	0.46		1029	1.226	0.1345		
				750	0.0600	0.47		1034	1.346	0.1745		
				756	0.0	0.47		1039	1.435	0.2177		
				758	0.9000	0.50		1044	1.416	0.2620		
				858	0.0	0.50		1049	1.327	0.3046		
				902	0.3000	0.52		1054	1.281	0.3451		
				906	0.1500	0.53		1059	1.304	0.3852		
				910	0.1500	0.54		1104	1.319	0.4260		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.372833.

1975			SELECTED FURCFF EVENT			BIESEL (WACC), TEXAS			SW-11		
ANTECEDENT CONDITIONS			FAINFALL			FURCFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2, 1975 (CONTINUED)											
			2- 2	914	0.1500	0.55	2- 2	1109	1.300	0.4667	
				918	0.1500	0.56		1114	1.252	0.5063	
				928	0.1200	0.56		1119	1.206	0.5445	
				938	0.2000	0.63		1124	1.157	0.5819	
				940	0.2000	0.64		1129	1.241	0.6158	
				942	1.6000	0.70		1134	1.404	0.6553	
				944	1.5000	0.75		1139	1.346	0.7005	
				946	0.2000	0.76		1144	1.412	0.7423	
				948	0.6000	0.76		1149	1.423	0.7874	
				950	0.9000	0.61		1154	1.356	0.8312	
				952	0.6000	0.63		1159	1.373	0.8742	
				954	0.9000	0.66		1204	1.327	0.9161	
				956	1.2000	0.50		1209	1.253	0.9568	
				958	1.2000	0.54		1214	1.248	0.9963	
				1000	1.5000	0.55		1219	1.208	1.0344	
				1002	0.6000	1.01		1224	1.165	1.0713	
				1004	0.0	1.01		1229	1.091	1.1063	
				1006	0.0	1.01		1234	1.020	1.1351	
				1010	0.6000	1.05		1239	0.965	1.1700	
				1014	0.4500	1.08		1244	0.901	1.1950	
				1018	0.0	1.08		1249	0.825	1.2258	
				1020	0.6500	1.21		1254	0.756	1.2505	
				1040	0.4200	1.28		1259	0.691	1.2729	
				1050	0.2000	1.33		1304	0.625	1.2934	
				1100	0.4200	1.40		1314	0.455	1.3263	
				1110	0.6600	1.51		1324	0.406	1.3565	
				1120	0.2400	1.55		1334	0.335	1.3797	
				1130	0.4600	1.63		1344	0.286	1.3951	
				1140	0.5600	1.75		1414	0.185	1.4430	
				1150	0.4600	1.67		1444	0.117	1.4712	
				1200	0.3600	1.53		1514	0.051	1.4906	
				1210	0.3600	1.55		1759	0.045	1.5603	
				1220	0.3600	2.05		1859	0.029	1.5741	
				1230	0.2400	2.05		2059	0.013	1.5897	
				1240	0.1800	2.12		2259	0.005	1.5964	
				1250	0.1800	2.15		2400	0.003	1.5975	
				1300	0.0600	2.16					
				1310	0.0	2.16					
				1340	0.0600	2.19					
				1400	0.0600	2.21					
				1410	0.1200	2.23					
				1520	0.0086	2.24					
				1528	0.0	2.24					
				1530	0.6000	2.26					
				1700	0.0067	2.27					
				1710	0.0600	2.28					
				1720	0.1200	2.30					
				1730	0.0	2.30					
				1740	0.0600	2.31					
				1750	0.0	2.31					

NOTES: To convert runoff in CPS to IN/HR, multiply by .372833.



EVENT OF FEBRUARY 2, 1975  
RIESEL (WACC), TEXAS SW-11

LOCATION: McLennan Co., Texas; 18 mi. SE of Waco; Brazos River Basin. Lat. 31 deg. 28 min. 48 sec. N.; Long. 96 deg. 52 min. 59 sec. W.

AREA: 2.97 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								EISEL (WACO), TEXAS WATERSHED SW-12									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	F	1.58	3.51	1.60	3.20	6.38	3.63	1.87	1.41	3.10	2.00	1.95	1.54	31.77			
	Q	1.007	2.762	0.687	0.336	3.259	0.013	0.0	0.0	0.001	0.0	0.001	0.0	8.066			
STA AV	P	2.10	2.60	2.24	3.89	3.81	3.54	1.61	2.22	2.92	3.16	2.83	2.33	33.46			
	Q	0.400	0.640	0.644	0.650	0.619	0.472	0.079	0.016	0.124	0.146	0.263	0.364	4.566			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-29	1.169	5-24	0.712	2-2	1.061	2-2	1.761	2-2	2.158	2-1	2.300	2-1	2.729	5-22	3.255
MAXIMUMS FOR PERIOD OF RECORD																	
		6-3	4.403	3-29	3.070	3-29	3.830	3-29	4.620	3-29	4.600	3-29	5.340	3-29	5.350	4-19	6.530
1975				1965		1965		1965		1965		1965		1965		1957	

NOTES: Watershed conditions: 100% native grass meadow mowed annually for hay. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-59, USDA Misc. Pub. 945, p. 42.24-4. Precipitation and runoff records began Jan. 1, 1938; station not in operation July 1943 to June 1, 1947; part-year amounts not included in averages. Precipitation data obtained from rain gage 70. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													EISEL (WACO), TEXAS WATERSHED SW-12	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.32	0.0	0.0	0.0	0.0	0.14E	0.33	0.0	0.0	0.0	0.0		
2	0.48	2.33	0.0	0.0	0.0	0.0	0.0	0.43	0.0	0.0	1.10	0.0		
3	0.0	0.52	0.10E	0.0	0.0	0.0	0.0	0.12	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.12E	0.0	0.21	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.32	0.0	0.15E	0.04E	0.0	0.0	0.0	0.08E	0.88	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.15E	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50E	0.0	0.0	0.0	0.11E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.28E	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.92	0.37	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.13E		
15	0.0	0.0	0.0	0.0	0.14E	0.0	0.0	0.0	0.13	0.0	0.0	0.0		
16	0.0	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0		
17	0.0	0.18E	0.19E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.47	0.0	0.0	0.0	0.0	0.0	0.28	0.0		
20	0.0	0.0	0.0	0.0	0.50	0.0	0.0	0.0	0.84	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0		
22	0.0	0.05E	0.0	0.0	0.0	0.0	0.77	0.01E	0.0	0.53	0.0	0.0		
23	0.0	0.11E	0.0	0.0	1.54	0.0	0.22	0.0	0.0	0.35	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.11	0.0	0.0	0.0	0.0	0.33	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.79	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.05	0.0	0.0	0.0	0.0	0.0	1.41		
27	0.0	0.0	0.0	0.0	0.0	1.03	0.0	0.44	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.83	0.81	0.43	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	1.03	0.93	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.09E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.57	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.58	3.51	1.60	3.20	6.38	3.63	1.87	1.41	3.10	2.00	1.95	1.54		
STA AV	2.10	2.60	2.24	3.89	3.81	3.54	1.81	2.22	2.92	3.16	2.83	2.33		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage 70. Records began Jan. 1, 1938; station not in operation July 1943 to June 1, 1947; part-year amounts not included in averages. STA AV based on 33 yr period. Estimate codes may indicate that non-significant event totals are included.



1975 MEAN DAILY DISCHARGE (cfs)													RIESEL (WACC), TEXAS WATERSHED SW-12	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
2	0.034	0.280	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.003	0.052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	0.001	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
10	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
13	0.001	0.0	0.074	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.108	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	0.150	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.0	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	0.040	0.104	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.0	0.001	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
MEAN	0.0040	0.0120	0.0027	0.0014	0.0128	0.0001	0.0	0.0	0.0	0.0	0.0	0.0		
INCHES	1.007	2.762	0.687	0.336	3.259	0.013	0.0	0.0	0.001	0.0	0.001	0.0		
STA AV	0.450	0.640	0.644	0.690	0.615	0.472	0.075	0.016	0.124	0.146	0.263	0.384		

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 8.014025. Records began Jan. 1, 1936; station not in operation July 1943 to June 1, 1947; part-year amounts not included in averages. STA AV based on 33 yr period.

1975	SELECTED RUNOFF EVENT						RIESEL (WACC), TEXAS		WATERSHED SW-12				
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF						
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.			
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)			
EVENT OF FEBRUARY 2, 1975													
RG 000070			RG 000070										
2- 2	0.0	0.001	2- 2	100	0.0	0.0	2- 2	4	0.027	0.0			
				130	0.0400	0.02		9	0.036	0.0009			
				240	0.0257	0.05		14	0.041	0.0020			
				310	0.4800	0.25		24	0.045	0.0044			
				340	0.1200	0.35		34	0.042	0.0065			
WATERSHED CONDITIONS:													
100% native grass meadow,					650	0.0474	0.50		54	0.032	0.0111		
12 to 14 inches, dormant.					720	0.3200	0.66		124	0.015	0.0155		
				750	0.0600	0.65		154	0.013	0.0162			
				920	0.0533	0.77		214	0.012	0.0157			
				950	0.7400	1.14		224	0.012	0.0203			
				1020	0.4400	1.36		234	0.017	0.0212			
				1050	0.4600	1.59		244	0.023	0.0223			
				1120	0.4000	1.75		249	0.033	0.0231			
				1150	0.3400	1.56		252	0.046	0.0238			
				1220	0.2200	2.07		254	0.054	0.0244			
				1250	0.1200	2.13		256	0.072	0.0251			
				1350	0.1200	2.25		258	0.052	0.0260			
				1740	0.0130	2.30		300	0.123	0.0272			
								301	0.159	0.0280			
								302	0.205	0.0291			
								303	0.255	0.0304			
								304	0.321	0.0320			
								305	0.414	0.0341			
								306	0.543	0.0369			
								307	0.676	0.0403			
								308	0.737	0.0444			
								309	0.809	0.0468			
								311	0.852	0.0585			
								313	0.965	0.0690			
								315	1.024	0.0804			

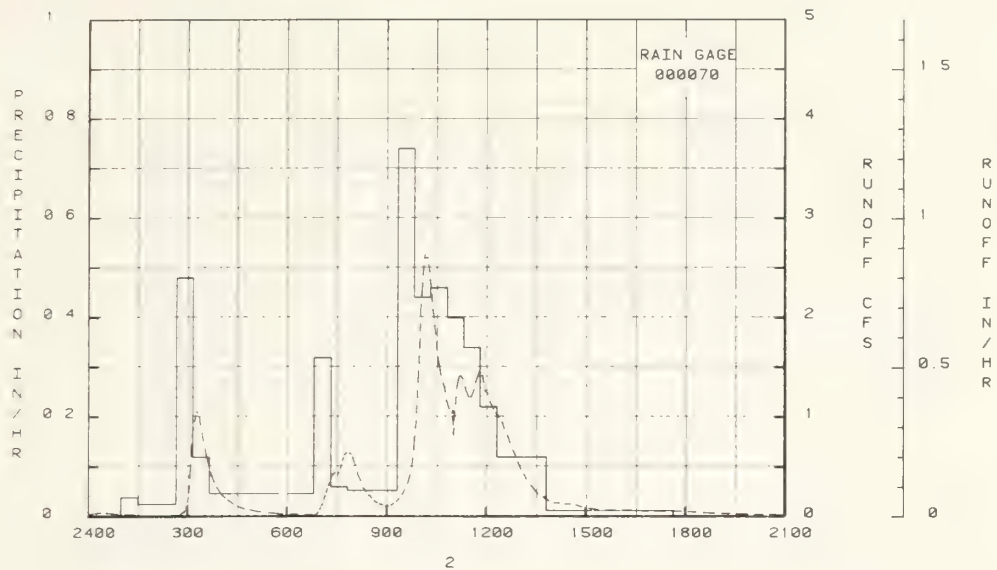
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.333916.

1975			SELECTED RUNOFF EVENT			ELISEI (WACC), TEXAS			WATERSHED SW-12		
ANTECEDENT CONDITIONS			RAINFALL			FUNCTION					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2, 1975 (CONTINUED)											
							2- 2	317	1.064	0.0923	
								319	1.040	0.1043	
								321	1.014	0.1160	
								324	0.923	0.1325	
								329	0.761	0.1565	
								334	0.635	0.1765	
								335	0.515	0.1930	
								344	0.422	0.2064	
								345	0.253	0.2174	
								354	0.257	0.2267	
								355	0.255	0.2346	
								404	0.217	0.2413	
								405	0.169	0.2471	
								414	0.166	0.2522	
								424	0.130	0.2606	
								434	0.101	0.2672	
								444	0.081	0.2720	
								454	0.066	0.2766	
								514	0.047	0.2832	
								524	0.035	0.2876	
								554	0.028	0.2914	
								649	0.017	0.2985	
								652	0.021	0.2988	
								654	0.026	0.2991	
								656	0.037	0.2994	
								658	0.054	0.2999	
								700	0.077	0.3007	
								702	0.056	0.3017	
								704	0.115	0.3025	
								706	0.145	0.3044	
								708	0.175	0.3062	
								710	0.217	0.3085	
								712	0.255	0.3112	
								714	0.287	0.3143	
								716	0.323	0.3177	
								718	0.352	0.3216	
								720	0.387	0.3256	
								722	0.412	0.3303	
								724	0.434	0.3352	
								728	0.453	0.3453	
								733	0.428	0.3578	
								735	0.451	0.3628	
								737	0.466	0.3682	
								739	0.528	0.3740	
								741	0.566	0.3802	
								743	0.556	0.3868	
								745	0.625	0.3938	
								749	0.651	0.4083	
								754	0.642	0.4267	
								757	0.625	0.4376	
								759	0.556	0.4445	
								804	0.516	0.4604	
								805	0.424	0.4738	
								814	0.357	0.4849	
								815	0.294	0.4942	
								824	0.252	0.5020	
								829	0.217	0.5086	
								834	0.188	0.5144	
								839	0.160	0.5194	
								844	0.143	0.5237	
								849	0.126	0.5275	
								854	0.117	0.5310	
								859	0.108	0.5342	
								904	0.110	0.5373	
								905	0.115	0.5406	
								914	0.136	0.5442	
								919	0.160	0.5484	
								924	0.151	0.5534	
								925	0.231	0.5594	
								934	0.276	0.5666	
								935	0.341	0.5754	
								944	0.426	0.5864	
								946	0.512	0.5917	
								948	0.598	0.5980	
								950	0.675	0.6053	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.333916.

1975 SELECTED RUNOFF EVENT			FIESEL (WACC), TEXAS WATERSHED SW-12							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date Mo-Day	Fainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)										
							2- 2	952	0.823	0.6139
								954	0.971	0.6241
								956	1.197	0.6365
								958	1.471	0.6517
								1000	1.723	0.6699
								1002	2.070	0.6915
								1004	2.282	0.7163
								1006	2.447	0.7432
								1008	2.601	0.7720
								1010	2.644	0.8019
								1012	2.601	0.8318
								1014	2.596	0.8614
								1016	2.531	0.8906
								1019	2.384	0.9327
								1024	2.075	0.9962
								1029	1.825	1.0518
								1034	1.561	1.1001
								1039	1.416	1.1425
								1044	1.319	1.1815
								1049	1.158	1.2166
								1054	1.081	1.2487
								1059	1.044	1.2790
								1100	1.067	1.2850
								1102	0.820	1.2958
								1104	1.064	1.3065
								1109	1.346	1.3406
								1112	1.412	1.3644
								1114	1.423	1.3806
								1119	1.377	1.4205
								1124	1.266	1.4581
								1129	1.197	1.4932
								1134	1.197	1.5274
								1139	1.278	1.5626
								1144	1.396	1.6007
								1149	1.467	1.6415
								1154	1.416	1.6826
								1159	1.263	1.7208
								1204	1.226	1.7562
								1209	1.136	1.7855
								1214	1.081	1.8215
								1219	1.040	1.8517
								1224	1.001	1.8808
								1229	0.952	1.9086
								1234	0.883	1.9348
								1239	0.818	1.9590
								1244	0.737	1.9812
								1249	0.671	2.0012
								1254	0.615	2.0195
								1259	0.541	2.0360
								1304	0.484	2.0506
								1309	0.428	2.0636
								1314	0.376	2.0751
								1324	0.299	2.0943
								1334	0.234	2.1095
								1344	0.158	2.1218
								1354	0.161	2.1320
								1404	0.142	2.1407
								1414	0.142	2.1488
								1424	0.133	2.1566
								1434	0.128	2.1640
								1444	0.118	2.1711
								1454	0.101	2.1773
								1524	0.073	2.1922
								1554	0.073	2.2047
								1624	0.069	2.2168
								1654	0.060	2.2278
								1724	0.064	2.2384
								1754	0.058	2.2488
								1854	0.039	2.2654
								1954	0.026	2.2765
								2154	0.016	2.2909
								2400	0.008	2.2955

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.333918.





LOCATION: Falls Co., Texas; 19 mi. SE of Waco; Brazos River Basin. Lat. 31 deg. 27 min. 45 sec. N.; Long. 96 deg. 53 min. 14 sec. W.

AREA: 2.99 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								RIESEL (WACO), TEXAS				WATERSHED SW-17							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.55	3.38	1.45	2.79	6.53	3.60	0.85	1.52	2.76	1.53	1.92	1.45	25.73					
	Q	1.039	3.197	0.533	0.195	2.118	0.037	0.0	0.0	0.002	0.0	0.004	0.0	7.125					
STA AV	P	2.01	2.63	2.26	3.58	3.76	3.50	1.88	2.40	3.01	3.36	2.94	2.38	34.12					
	Q	0.455	0.670	0.717	0.958	0.783	0.778	0.187	0.084	0.301	0.367	0.547	0.560	6.407					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-23	0.665	5-23	0.483	2- 2	0.863	2- 2	1.511	2- 2	1.720	2- 2	1.888	2- 2	2.316	2- 2	2.634		
MAXIMUMS FOR PERIOD OF RECORD																			
		10-31	7.060	4-19	2.540	4-19	2.960	4-23	3.310	3-29	3.520	3-29	4.250	11-22	5.370	4-19	5.420		
		1940		1957		1957		1957		1965		1965		1965		1957			

NOTES: Watershed conditions: 100% Bermudagrass pasture. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1956-58, USDA Misc. Pub. 945, p. 42.28-5. Precipitation and runoff record began Feb. 1, 1939; station not in operation July 1943 to Jan. 1, 1948; part-year amounts not included in averages. Precipitation data obtained from rain gage W-2. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													RIESEL (WACO), TEXAS WATERSHED SW-17	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.24	0.0	0.0	0.0	0.0	0.00E	0.37	0.0	0.0	0.0	0.0		
2	0.49	2.26	0.0	0.0	0.0	0.0	0.0	0.40	0.0	0.0	1.13	0.0		
3	0.0	0.48	0.00E	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.10E	0.0	0.0 E	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.0		
9	0.24	0.0	0.13E	0.06E	0.0	0.0	0.0	0.16E	0.87	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.07E	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50S	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.32S	0.0	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.95	0.34	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.87	0.0	0.0	0.0		
16	0.0	0.0	0.10E	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0		
17	0.0	0.24E	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0	0.19	0.0		
20	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.77	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.26	0.01E	0.0	0.44	0.0	0.0		
23	0.0	0.16E	0.0	0.0	2.23	0.05E	0.18	0.0	0.0	0.39	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.11	0.0	0.0	0.0	0.0	0.30	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.80	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.17	0.0	0.0	0.0	0.0	0.0	1.38		
27	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.36	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.64	0.69	0.60	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	1.02	0.56	0.0	0.11E	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.08E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.55	3.38	1.45	2.75	6.53	3.60	0.85	1.52	2.76	1.93	1.92	1.45		
STA AV	2.01	2.63	2.26	3.58	3.76	3.50	1.88	2.40	3.01	3.36	2.94	2.38		

NOTES: For daily air temperatures in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage W-2. Records began Feb. 1, 1939; station not in operation July 1943 to Jan. 1, 1948; part-year amounts not included in averages. STA AV based on 31 yr period. Estimate codes may indicate that non-significant event totals are included.

1975	MEAN DAILY DISCHARGE (cfs)					FIESEL (WACC), TEXAS					WATFESHEE SW-17		
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.001	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.009	0.235	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.004	0.052	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.001	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.001	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.001	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.001	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.001	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.004	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.005	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.018	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.032	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.004	0.005	0.057	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.003	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.003	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.003	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.004	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.003	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.003	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.003	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.002	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.002	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.002	0.003	0.0	0.0	0.105	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.003	0.002	0.0	0.0	0.052	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.002	0.002	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.003	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.003	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.002	0.004	0.0	0.0	0.004	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.001		0.0	0.022	0.064	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.001		0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.001		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0042	0.0143	0.0022	0.0006	0.0086	0.0002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	1.035	3.197	0.533	0.195	2.116	0.037	0.0	0.0	0.002	0.0	0.004	0.0	0.0
STA AV	0.455	0.670	0.717	0.958	0.783	0.778	0.187	0.084	0.307	0.367	0.541	0.560	0.560

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 7.966419. Records began Feb. 1, 1939; station not in operation July 1943 to Jan. 1, 1948; part-year amounts not included in averages. STA AV based on 31 yr period.

1975	SELECTED RUNOFF EVENT				FIESEL (WACC), TEXAS				WATERSHED SW-17			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 1 - 3, 1975												
BG 0000W2			FG 0000W2									
2- 2	0.0		2- 2	30	0.0	0.0	2- 1	2400	0.002	0.0		
2- 1		0.012		230	0.0100	0.02	2- 2	254	0.004	0.0029		
				300	0.3600	0.20		259	0.006	0.0030		
				330	0.2400	0.32		301	0.010	0.0031		
				700	0.0257	0.41		303	0.017	0.0033		
WATERSHED CONDITIONS:				730	0.1400	0.48		305	0.030	0.0035		
100% Bermuda grass pasture,				900	0.0467	0.55		307	0.042	0.0039		
4 to 6 inches high, dormant.				930	0.1600	0.63		309	0.052	0.0044		
				1000	0.0000	1.03		319	0.055	0.0074		
				1030	0.4400	1.25		324	0.063	0.0090		
				1100	0.4000	1.45		329	0.082	0.0110		
				1130	0.4600	1.68		334	0.085	0.0134		
				1200	0.4600	1.91		339	0.092	0.0159		
				1230	0.3000	2.06		344	0.104	0.0166		
				1300	0.1400	2.13		349	0.122	0.0217		
				1730	0.0244	2.24		354	0.126	0.0252		
								359	0.117	0.0285		
								404	0.105	0.0316		
								409	0.059	0.0345		
								414	0.050	0.0371		
								419	0.085	0.0395		
								424	0.078	0.0416		
								429	0.072	0.0439		
								434	0.066	0.0456		
								439	0.061	0.0475		
								444	0.057	0.0492		
								449	0.051	0.0506		
								454	0.047	0.0520		
								504	0.042	0.0545		
								514	0.039	0.0567		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.331684.

1975 SELECTED RUNOFF EVENT			BIESEL (WACC), TEXAS WATERSHED SW-17							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 1 - 3, 1975 (CONTINUED)										
				2- 2				544	0.028	0.0623
								614	0.024	0.0666
								644	0.025	0.0706
								714	0.045	0.0768
								724	0.067	0.0800
								734	0.080	0.0840
								744	0.107	0.0892
								754	0.123	0.0956
								804	0.122	0.1023
								814	0.113	0.1088
								824	0.102	0.1148
								834	0.091	0.1201
								844	0.082	0.1245
								854	0.075	0.1292
								904	0.077	0.1334
								914	0.090	0.1380
								924	0.100	0.1433
								929	0.110	0.1462
								934	0.119	0.1494
								939	0.142	0.1530
								944	0.166	0.1575
								949	0.293	0.1642
								954	0.333	0.1676
								953	0.384	0.1716
								955	0.446	0.1762
								957	0.511	0.1815
								959	0.635	0.1878
								1001	0.751	0.1955
								1003	0.840	0.2043
								1005	0.914	0.2140
								1007	0.959	0.2243
								1009	1.035	0.2353
								1011	1.076	0.2470
								1013	1.118	0.2551
								1015	1.190	0.2715
								1017	1.227	0.2853
								1019	1.251	0.2992
								1029	1.251	0.3706
								1034	1.329	0.4068
								1039	1.356	0.4439
								1044	1.329	0.4810
								1049	1.440	0.5193
								1054	1.460	0.5593
								1059	1.356	0.5988
								1104	1.310	0.6362
								1109	1.254	0.6722
								1114	1.287	0.7075
								1119	1.205	0.7423
								1124	1.165	0.7751
								1129	1.201	0.8078
								1134	1.249	0.8416
								1139	1.294	0.8768
								1144	1.341	0.9132
								1149	1.388	0.9505
								1154	1.325	0.9864
								1159	1.287	1.0246
								1209	1.257	1.0949
								1224	1.161	1.1552
								1229	1.083	1.2262
								1234	1.028	1.2553
								1239	0.959	1.2828
								1244	0.855	1.3084
								1249	0.860	1.3327
								1254	0.759	1.3556
								1259	0.749	1.3770
								1304	0.700	1.3970
								1309	0.643	1.4156
								1314	0.590	1.4326
								1319	0.545	1.4484
								1324	0.511	1.4630
								1329	0.475	1.4766
								1334	0.441	1.4853
								1339	0.415	1.5011
								1344	0.384	1.5122
								1349	0.360	1.5224

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.331664.





RIESEL (WACO), TEXAS WATERSHED SW-19

LOCATION: Falls County, Texas; 18 miles southeast of Waco; Brazos River Basin. Lat. 31 deg. 26 min. 35 sec. N.; Long. 96 deg. 53 min. 49 sec. W.

AREA: 3.25 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														RIESEL (WACO), TEXAS WATERSHED SW-19															
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual															
1975	P	1.56	3.74	1.91	3.65	6.49	4.77	1.34	1.75	3.66	1.98	1.35	1.61	33.61															
	Q	0.821	3.255	0.0	0.568	2.700	0.994	0.0	0.0	0.0	0.0	0.0	0.0	8.339															
STA AV	P	2.35	1.71	2.04	3.60	3.58	3.12	3.78	2.89	4.82	5.33	2.52	2.42	36.16															
	Q	0.872	0.715	0.734	0.826	0.752	0.708	0.335	0.010	0.501	0.956	0.739	0.629	7.780															
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																													
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval								2 Days		8 Days											
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.										
1975		4-29	6.774	2- 2	0.499	2- 2	0.501	2- 2	1.583	2- 2	2.026	2- 2	2.208	2- 2	2.629	5-21	2.700												
MAXIMUMS FOR PERIOD OF RECORD																													
		11-17	2.938	11-17	1.727	11-17	2.269	10-31	2.621	10-31	3.095	10-30	4.148	10-30	4.157	10-30	4.412												
		1971		1971		1971		1974		1974		1974		1974		1974													

NOTES: Watershed conditions: 100% rangeland grasses with moderate infestation of honey mesquite, moderately grazed. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1970, USDA Misc. Pub. 1380, p. 42.035-4. Precipitation and runoff records began September 1, 1970, part year records are included in the STA AV. Precipitation data obtained from rain gage 56-B. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975		DAILY PRECIPITATION (inches)					RIESEL (WACO), TEXAS WATERSHED SW-19						
	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	0.0	0.47	0.0	0.0	0.0	0.0	0.10E	0.36	0.0	0.0	0.0	0.0
	2	0.48	2.38	0.0	0.0	0.0	0.0	0.0	0.41	0.0	0.0	0.52	0.0
	3	0.0	0.52	0.07E	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0
	4	0.0	0.0	0.0	0.0	0.15E	0.0	0.07E	0.0	0.0	0.0	0.0	0.0
	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	7	0.0	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0
	8	0.0	0.0	0.0	0.53	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.0
	9	0.28	0.0	0.15E	0.05E	0.0	0.0	0.0	0.10E	1.10	0.0	0.0	0.0
	10	0.0	0.0	0.0	0.14E	0.0	0.10E	0.0	0.0	0.0	0.0	0.0	0.0
	11	0.50S	0.0	0.0	0.0	0.10E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	12	0.30S	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0
	13	0.0	0.0	1.12	0.41	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	14	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.12E
	15	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.22	0.0	0.0	0.0
	16	0.0	0.0	0.18E	0.0	0.0	0.0	0.0	0.0	1.15	0.0	0.0	0.0
	17	0.0	0.16E	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	19	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.25	0.0
	20	0.0	0.0	0.0	0.0	0.56	0.0	0.0	0.0	0.77	0.0	0.0	0.0
	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0
	22	0.0	0.0	0.0	0.0	0.0	0.0	0.45	0.10E	0.0	0.62	0.0	0.0
	23	0.0	0.21E	0.0	0.0	2.01	0.0	0.05E	0.0	0.0	0.20	0.0	0.0
	24	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0	0.27	0.0	0.0
	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.89	0.0	0.0
	26	0.0	0.0	0.0	0.0	0.0	2.09	0.0	0.0	0.0	0.0	0.0	1.49
	27	0.0	0.0	0.0	0.0	0.0	1.53	0.0	0.39	0.0	0.0	0.0	0.0
	28	0.0	0.0	0.0	0.86	0.98	1.01	0.0	0.0	0.0	0.0	0.0	0.0
	29	0.0	0.0	0.0	1.36	0.55	0.0	0.42	0.0	0.0	0.0	0.0	0.0
	30	0.0	0.12E	0.0	0.0	0.0	0.04E	0.0	0.0	0.0	0.0	0.18	0.0
	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		1.56	3.74	1.91	3.65	6.49	4.77	1.34	1.75	3.66	1.98	1.35	1.61
STA AV		2.35	1.71	2.04	3.60	3.58	3.12	3.78	2.89	4.82	5.33	2.52	2.42

NOTES: For daily air temperature in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage 56B. Records began September 1, 1970. STA AV based on 6 yr (1970-75) record period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) RIESEL (WACC), TEXAS WATERSHED SW-19												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.030	0.299	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.001	0.057	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.067	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.054	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.160	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.066	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.049	0.068	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.076	0.104	0.002	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0036	0.0155	0.0	0.0026	0.0115	0.0045	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.821	3.255	0.0	0.566	2.700	0.554	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.672	0.715	0.734	0.826	0.752	0.708	0.335	0.010	0.501	0.958	0.735	0.625

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 7.323565. Records began September 1, 1970.  
STA AV based on 6 yr (1970-75) record period.

1975 SELECTED RUNOFF EVENT RIESEL (WACC), TEXAS WATERSHED SW-19											
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2, 1975											
EG 00056B			EG 00056B								
2- 2	0.0	0.0	2- 2	100	0.0	0.0	2- 2	255	0.0	0.0	
				130	0.4400	0.22		300	0.004	0.0001	
				200	0.4600	0.45		305	0.022	0.0004	
				600	0.0075	0.48		307	0.039	0.0007	
				630	0.1600	0.56		309	0.075	0.0013	
				700	0.2600	0.70		311	0.133	0.0023	
				730	0.0400	0.72		313	0.200	0.0040	
				830	0.1000	0.62		315	0.255	0.0063	
				900	0.5600	1.10		317	0.314	0.0093	
				930	0.6600	1.44		319	0.375	0.0128	
				1000	0.3200	1.60		321	0.423	0.0168	
				1030	0.4200	1.61		323	0.462	0.0213	
				1100	0.4200	2.02		325	0.510	0.0263	
				1130	0.3200	2.18		327	0.549	0.0316	
				1200	0.1200	2.24		329	0.576	0.0374	
				1700	0.0220	2.35		331	0.611	0.0434	
								333	0.631	0.0457	
								335	0.673	0.0564	
								340	0.738	0.0743	
								345	0.765	0.0935	
								350	0.752	0.1128	
								355	0.724	0.1316	
								400	0.686	0.1495	
								405	0.626	0.1662	
								410	0.554	0.1812	
								415	0.475	0.1543	
								420	0.433	0.2058	
								425	0.356	0.2163	
								435	0.320	0.2345	
								445	0.273	0.2456	

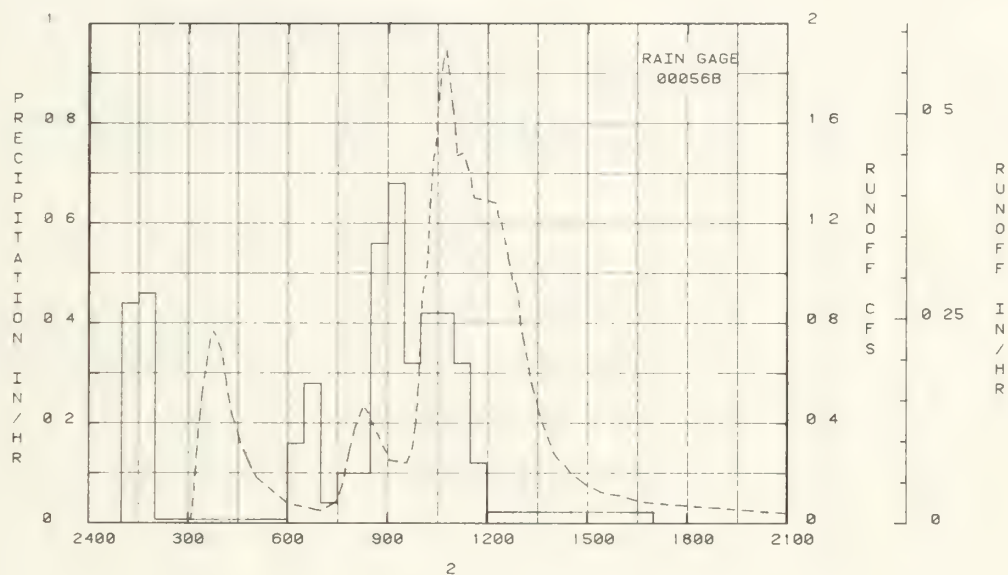
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.305145.

1975 SELECTED RUNOFF EVENT			EISEL (WACC), TEXAS WATERSHED SW-19							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)										
							2- 2	455	0.223	0.2622
								505	0.179	0.2725
								600	0.061	0.3066
								700	0.053	0.3293
								730	0.051	0.3402
								740	0.163	0.3467
								745	0.224	0.3516
								750	0.268	0.3575
								755	0.324	0.3654
								800	0.368	0.3742
								805	0.356	0.3839
								810	0.425	0.3944
								815	0.462	0.4056
								820	0.462	0.4174
								825	0.436	0.4286
								830	0.413	0.4396
								835	0.368	0.4456
								905	0.253	0.4987
								935	0.238	0.5361
								945	0.302	0.5459
								950	0.377	0.5565
								952	0.421	0.5626
								954	0.475	0.5671
								956	0.560	0.5724
								958	0.641	0.5785
								1000	0.801	0.5859
								1002	0.853	0.5945
								1008	0.988	0.6232
								1010	0.985	0.6332
								1012	1.081	0.6437
								1014	1.171	0.6552
								1016	1.268	0.6676
								1018	1.331	0.6808
								1020	1.385	0.6946
								1022	1.471	0.7052
								1024	1.475	0.7242
								1026	1.511	0.7394
								1028	1.601	0.7552
								1030	1.664	0.7718
								1035	1.785	0.8157
								1040	1.865	0.8621
								1045	1.887	0.9058
								1050	1.785	0.9565
								1052	1.745	0.9745
								1054	1.724	0.9921
								1056	1.668	1.0094
								1058	1.634	1.0262
								1100	1.601	1.0426
								1102	1.551	1.0587
								1104	1.475	1.0741
								1105	1.467	1.0816
								1115	1.483	1.1566
								1120	1.451	1.1539
								1125	1.412	1.2303
								1130	1.366	1.2656
								1135	1.301	1.2995
								1215	1.275	1.5619
								1220	1.217	1.5937
								1225	1.199	1.6244
								1240	1.027	1.7053
								1245	0.972	1.7347
								1250	0.956	1.7592
								1255	0.915	1.7830
								1300	0.765	1.8047
								1305	0.738	1.8241
								1310	0.681	1.8421
								1315	0.616	1.8586
								1320	0.565	1.8737
								1325	0.517	1.8874
								1330	0.475	1.9000
								1335	0.429	1.9115
								1340	0.400	1.9221
								1350	0.340	1.9409
								1400	0.279	1.9566
								1410	0.251	1.9701

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.305145.

1975 SELECTED FLOOD EVENT			RIESEL (WACO), TEXAS WATERSHED SW-15							
ANTECEDENT CONDITIONS			RAINFALL				FLOOD			
Date	Rainfall	Flood	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)										
							2- 2	1420	0.233	1.9824
								1430	0.202	1.9535
								1500	0.150	2.0203
								1530	0.121	2.0410
								1600	0.105	2.0562
								1630	0.093	2.0733
								1700	0.085	2.0869
								1800	0.075	2.1113
								1900	0.062	2.1322
								2000	0.046	2.1467
								2100	0.040	2.1618
								2200	0.035	2.1732
								2300	0.027	2.1827
								2400	0.023	2.1903

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.005145.



EVENT OF FEBRUARY 2, 1975  
RIESEL (WACO), TEXAS WATERSHED SW-15



RIESEL (WACC), TEXAS WATERSHED SW-20

LOCATION: Falls County, Texas; 18 miles southeast of Waco; Brazos River Basin. Lat. 31 deg. 28 min. 33 sec. N.; Long. 96 deg. 53 min. 44 sec. W.

AREA: 3.21 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)							RIESEL (WACO), TEXAS WATERSHED SW-20										
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.56	3.74	1.91	3.65	6.49	4.77	1.34	1.75	3.66	1.98	1.35	1.61	33.81			
	Q	0.803	2.732	0.394	0.944	3.304	1.666	0.0	0.0	0.0	0.0	0.0	0.0	5.843			
STA AV	P	2.35	1.71	2.04	3.60	3.58	3.12	3.78	2.89	4.82	5.33	2.52	2.42	36.16			
	Q	0.958	0.632	0.960	1.034	0.954	0.982	0.484	0.018	0.524	0.569	0.313	0.250	7.005			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		4-29	2.263	4-29	0.786	2-2	1.020	2-2	1.711	2-2	2.153	2-2	2.292	2-2	2.715	5-21	3.270
MAXIMUMS FOR PERIOD OF RECORD																	
		11-17	3.121	11-17	1.764	11-17	2.387	10-31	2.515	10-31	3.358	10-30	4.538	10-30	4.546	10-30	4.788
		1971		1971		1971		1974		1974		1974		1974		1974	

NOTES: Watershed conditions: 100% rangeland grasses with dead honey mesquite, moderately grazed. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1970, USDA Misc. Pub. 1380, p. 42.036-5. Precipitation and runoff records began September 1, 1970, part year records are included in STA AV. Precipitation data obtained from rain gage 56-B. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													
RIESEL (WACC), TEXAS WATERSHED SW-20													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.47	0.0	0.0	0.0	0.0	0.10E	0.36	0.0	0.0	0.0	0.0	0.0
2	0.48	2.38	0.0	0.0	0.0	0.0	0.0	0.41	0.0	0.0	0.92	0.0	0.0
3	0.0	0.52	0.07E	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.15E	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.53	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.0	0.0
9	0.28	0.0	0.15E	0.05E	0.0	0.0	0.0	0.10E	1.10	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.14E	0.0	0.10E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.50E	0.0	0.0	0.0	0.10E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.30E	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	1.12	0.41	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.12E	0.0
15	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0
16	0.0	0.0	0.18E	0.0	0.0	0.0	0.0	0.0	1.15	0.0	0.0	0.0	0.0
17	0.0	0.16E	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0
20	0.0	0.0	0.0	0.0	0.56	0.0	0.0	0.0	0.77	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.45	0.10E	0.0	0.62	0.0	0.0	0.0
23	0.0	0.21E	0.0	0.0	2.01	0.0	0.05E	0.0	0.0	0.20	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0	0.27	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	2.05	0.0	0.0	0.0	0.0	0.0	0.0	1.45
27	0.0	0.0	0.0	0.0	0.0	1.53	0.0	0.39	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.86	0.58	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	1.36	0.95	0.0	0.42	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.12E	0.0	0.0	0.04E	0.0	0.0	0.0	0.0	0.18	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	1.56	3.74	1.91	3.65	6.49	4.77	1.34	1.75	3.66	1.98	1.35	1.61	
STA AV	2.35	1.71	2.04	3.60	3.58	3.12	3.78	2.89	4.82	5.33	2.52	2.42	

NOTES: For daily air temperature in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage 56B. Records began September 1, 1970. STA AV based on 6 yr (1970-75) record period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) FIESEL (WACO), TEXAS WATERSHED SW-20												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.029	0.308	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.002	0.056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.034	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.036	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.137	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.149	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.122	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.003	0.053	0.093	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.124	0.102	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0035	0.0132	0.0017	0.0042	0.0144	0.0075	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.803	2.732	0.354	0.944	3.304	1.666	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.958	0.632	0.960	1.034	0.594	0.582	0.484	0.016	0.524	0.569	0.313	0.250

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 7.414845. Records began September 1, 1970.  
STA AV based on 6 yr (1970-75) record period.

1975			SELECTED RUNOFF EVENT			FIESEL (WACO), TEXAS			WATERSHED SW-20		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2, 1975											
BG 000568			BG 000568								
2- 2	0.0	0.0	2- 2	100	0.0	0.0	2- 2	215	0.0	0.0	
				130	0.4400	0.22		225	0.003	0.0001	
				200	0.4600	0.45		235	0.004	0.0003	
				600	0.0075	0.48		245	0.006	0.0005	
				630	0.1600	0.56		250	0.008	0.0007	
WATERSHED CONDITIONS: 100% rangeland grasses, 4 to 6 inches tall, with dead honey mesquite.											
				700	0.2800	0.70		255	0.029	0.0012	
				730	0.0400	0.72		257	0.050	0.0016	
				830	0.1000	0.82		259	0.352	0.0023	
				900	0.5600	1.10		301	0.154	0.0038	
				930	0.6800	1.44		303	0.315	0.0064	
				1000	0.3200	1.60		305	0.409	0.0102	
				1030	0.4200	1.81		306	0.521	0.0126	
				1100	0.4200	2.02		307	0.585	0.0154	
				1130	0.3200	2.18		308	0.662	0.0166	
				1200	0.1200	2.24		309	0.724	0.0222	
				1700	0.0220	2.35		310	0.785	0.0261	
								311	0.857	0.0303	
								314	1.040	0.0450	
								316	1.118	0.0561	
								318	1.192	0.0680	
								320	1.253	0.0806	
								325	1.283	0.1132	
								327	1.257	0.1263	
								329	1.152	0.1389	
								331	1.150	0.1510	
								333	1.087	0.1625	
								335	1.011	0.1733	
								338	0.864	0.1875	
								340	0.830	0.1968	
								342	0.766	0.2050	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.308952.

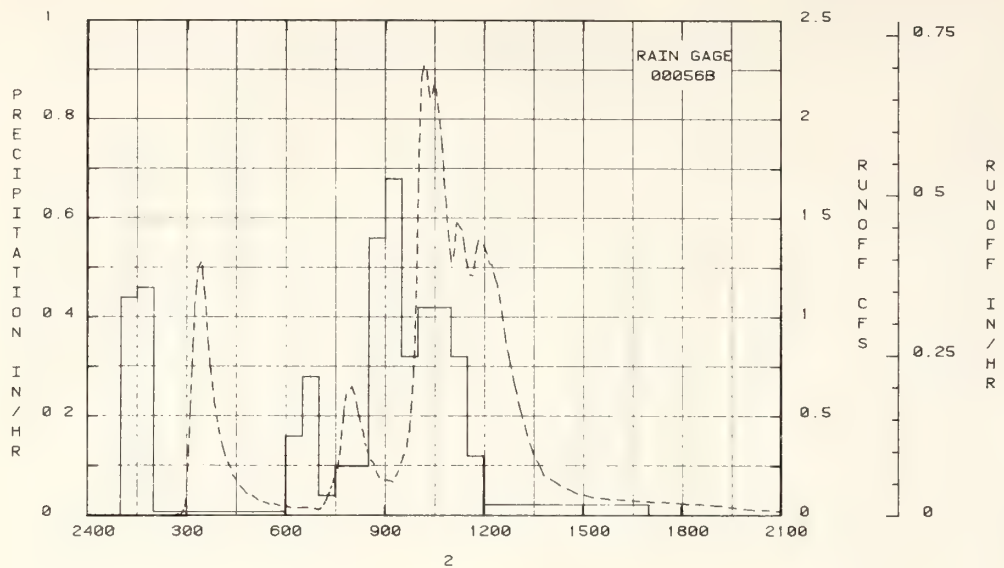
1975			SELECTED RUNOFF EVENT			FIESEL (WACC), TEXAS			WATERSHED SW-20		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 2, 1975 (CONTINUED)											
				2- 2				344	0.713	0.2126	
								346	0.667	0.2197	
								348	0.631	0.2264	
								350	0.574	0.2326	
								352	0.540	0.2383	
								354	0.500	0.2437	
								356	0.473	0.2487	
								358	0.440	0.2534	
								400	0.407	0.2576	
								405	0.350	0.2675	
								410	0.300	0.2759	
								415	0.268	0.2832	
								420	0.239	0.2897	
								425	0.205	0.2954	
								430	0.179	0.3004	
								440	0.144	0.3087	
								450	0.114	0.3153	
								500	0.096	0.3207	
								510	0.082	0.3253	
								520	0.069	0.3292	
								530	0.062	0.3326	
								540	0.056	0.3356	
								550	0.048	0.3383	
								600	0.046	0.3407	
								610	0.044	0.3430	
								640	0.035	0.3491	
								700	0.029	0.3524	
								705	0.036	0.3533	
								710	0.060	0.3545	
								712	0.071	0.3552	
								714	0.081	0.3560	
								716	0.055	0.3565	
								718	0.106	0.3579	
								720	0.120	0.3591	
								722	0.139	0.3604	
								724	0.154	0.3619	
								726	0.169	0.3636	
								728	0.187	0.3654	
								730	0.205	0.3674	
								732	0.223	0.3696	
								734	0.243	0.3720	
								736	0.281	0.3747	
								738	0.315	0.3778	
								740	0.350	0.3812	
								742	0.427	0.3852	
								744	0.481	0.3899	
								746	0.545	0.3952	
								748	0.576	0.4009	
								750	0.613	0.4071	
								800	0.649	0.4356	
								805	0.608	0.4457	
								810	0.540	0.4705	
								815	0.473	0.4836	
								820	0.421	0.4951	
								822	0.352	0.4993	
								824	0.364	0.5031	
								826	0.347	0.5068	
								828	0.329	0.5103	
								830	0.312	0.5136	
								835	0.278	0.5212	
								840	0.257	0.5281	
								845	0.217	0.5342	
								850	0.155	0.5395	
								900	0.176	0.5490	
								915	0.168	0.5523	
								920	0.196	0.5670	
								925	0.227	0.5724	
								930	0.266	0.5788	
								935	0.310	0.5862	
								940	0.354	0.5948	
								942	0.387	0.5986	
								944	0.415	0.6027	
								946	0.483	0.6073	
								948	0.543	0.6126	
								950	0.616	0.6186	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.308952.

1975 SELECTED FUMCPF EVENT			FIESEL (WACC), TEXAS			WATERSEED SW-20		
ANTECEDENT CONDITIONS			RAINFALL			FUMCPF		
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day
								Rate
								(cfs)
								Acc.
								(inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)								
				2- 2			952	0.724
							954	0.865
							956	1.060
							958	1.366
							1000	1.702
							1002	1.933
							1005	2.212
							1010	2.267
							1015	2.237
							1020	2.106
							1025	2.125
							1030	2.186
							1035	2.066
							1040	1.951
							1042	1.852
							1044	1.829
							1046	1.745
							1048	1.655
							1050	1.568
							1055	1.416
							1100	1.263
							1105	1.313
							1110	1.475
							1120	1.443
							1125	1.328
							1130	1.253
							1135	1.206
							1140	1.213
							1145	1.328
							1150	1.365
							1200	1.358
							1205	1.324
							1210	1.272
							1215	1.257
							1220	1.203
							1225	1.146
							1230	1.070
							1235	0.975
							1240	0.872
							1245	0.812
							1250	0.735
							1255	0.670
							1300	0.605
							1305	0.545
							1310	0.467
							1315	0.446
							1320	0.358
							1330	0.314
							1340	0.260
							1350	0.203
							1420	0.146
							1450	0.114
							1520	0.069
							1550	0.079
							1800	0.062
							1900	0.046
							2000	0.030
							2100	0.025
							2300	0.020
							2400	0.015

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.308952.





EVENT OF FEBRUARY 2, 1975  
RIESEL (WACC), TEXAS WATERSHED SW-20

RIESEL (WACO), TEXAS WATERSHED Y-13

LOCATION: Falls County, Texas; 18 miles southeast of Waco; Brazos River Basin. Lat. 31 deg. 28 min. 36 sec. N.; Long. 96 deg. 52 min. 39 sec. W.

AREA: 11.30 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)							RIESEL (WACO), TEXAS WATERSHED Y-13										
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.53	3.37	1.63	2.99	7.87	3.58	1.83	1.27	3.08	1.57	2.13	1.77	33.02			
	Q	0.042	1.578	0.0	0.0	2.262	0.313	0.0	0.0	0.0	0.0	0.0	0.0	4.196			
STA AV	P	1.83	2.26	2.60	3.45	3.24	2.46	2.77	2.65	3.95	5.24	2.44	2.63	35.57			
	Q	0.122	0.366	0.770	0.474	0.552	0.616	0.081	0.017	0.361	0.555	0.188	0.086	4.187			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge Date		1 Hour Date Vol.		2 Hours Date Vol.		Maximum Volume for Selected Time Interval 6 Hours Date Vol.		12 Hours Date Vol.		1 Day Date Vol.		2 Days Date Vol.		4 Days Date Vol.	
1975		5-24	0.960	5-24	0.546	5-24	0.676	2- 2	1.044	2- 2	1.116	5-23	1.436	2- 2	1.471	5-21	2.245
MAXIMUMS FOR PERIOD OF RECORD																	
		6- 3	3.936	6- 3	2.319	6- 3	2.558	6- 3	2.557	6- 3	2.599	6- 3	2.599	6- 1	3.212	5-25	2.574
1975				1973		1973		1973		1973		1973		1973		1972	

NOTES: Watershed conditions: 96% cotton; 4% grassed waterway. Cropland planted on graded furrows. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1969, USDA Misc. Pub. 1370, p. 42.037-5. Precipitation and runoff records began January 1, 1969. Precipitation data obtained from rain gage 70-A. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													
RIESEL (WACO), TEXAS WATERSHED Y-13													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.37	0.0	0.0	0.0	0.0	0.14E	0.32	0.0	0.0	0.0	0.0	0.0
2	0.44	2.27	0.0	0.0	0.0	0.0	0.0	0.26	0.0	0.0	1.28	0.0	0.0
3	0.0	0.46	0.10E	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.08E	0.0	0.2E	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.2E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0
9	0.34	0.0	0.13E	0.07E	0.0	0.0	0.0	0.02E	0.91	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.15E	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.50E	0.0	0.0	0.0	0.10E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.59	0.38	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.12E	0.0
15	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0
16	0.0	0.0	0.17E	0.0	0.0	0.0	0.0	0.0	0.85	0.0	0.0	0.0	0.0
17	0.0	0.17E	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.47	0.0	0.0	0.0	0.0	0.0	0.23	0.0	0.0
20	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.0	0.78	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0
22	0.0	0.03E	0.0	0.0	0.0	0.0	0.75	0.02E	0.0	0.55	0.0	0.0	0.0
23	0.0	0.07E	0.0	0.0	1.88	0.0	0.16	0.0	0.0	0.30	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	2.60	0.0	0.0	0.0	0.0	0.31	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.09E	0.0	0.0	0.0	0.61	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	2.07	0.0	0.0	0.0	0.0	0.0	0.0	1.65
27	0.0	0.0	0.0	0.0	0.0	0.53	0.0	0.48	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.67	0.83	0.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.95	0.53	0.0	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.06E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.62	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	1.53	3.37	1.63	2.99	7.87	3.58	1.83	1.27	3.08	1.57	2.13	1.77	
STA AV	1.83	2.26	2.60	3.45	3.24	2.46	2.77	2.65	3.95	5.24	2.44	2.63	

NOTES: For daily air temperature in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage 70-A. Records began January 1, 1969. STA AV based on 7 yr (1969-75) record period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) RIESEL (WACC), TEXAS WATFESHED Y-13												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.001	0.535	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.158	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.225	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.458	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.112	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.109	0.036	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.273	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0006	0.0268	0.0	0.0	0.0346	0.0050	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.042	1.578	0.0	0.0	2.262	0.313	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.122	0.366	0.770	0.474	0.552	0.616	0.081	0.017	0.361	0.555	0.188	0.086

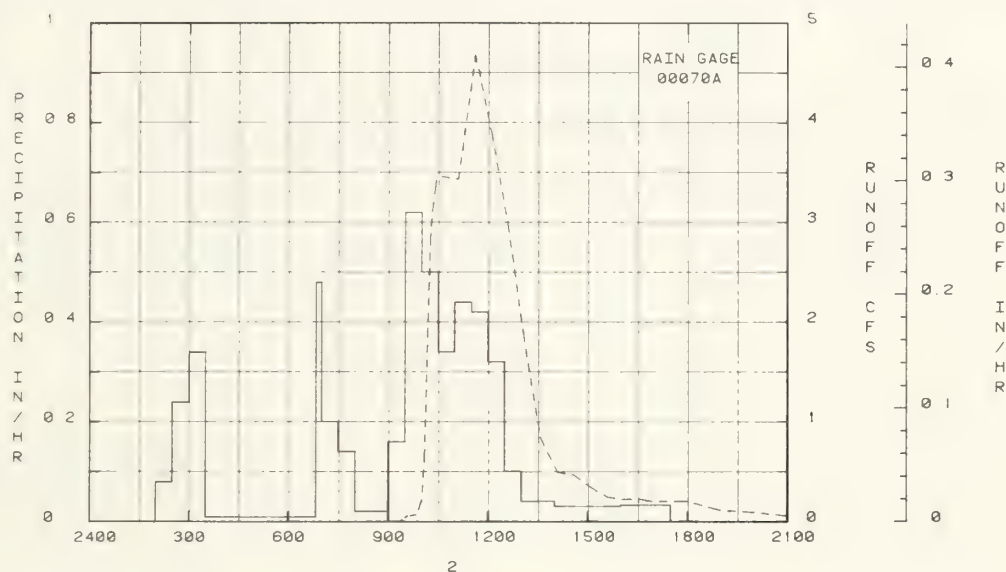
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 2.106341. Records began January 1, 1969.  
STA AV based on 7 yr (1965-75) record period.

1975 SELECTED RUNOFF EVENT RIESEL (WACC), TEXAS WATFESHED Y-13												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 2, 1975												
RG 00070A												
2- 2	0.0	0.0	2- 2	200	0.0	0.0	2- 2	921	0.0	0.0		
				230	0.0800	0.04		926	0.015	0.0001		
				300	0.2400	0.16		931	0.042	0.0003		
				330	0.3400	0.33		936	0.063	0.0006		
				650	0.0090	0.36		941	0.058	0.0011		
WATFESHED CONDITIONS: 96% cotton; 4% Bermuda- grass waterway, good cover.												
				700	0.4800	0.44		951	0.074	0.0021		
				730	0.2000	0.54		956	0.115	0.0027		
				800	0.1400	0.61		1001	0.219	0.0040		
				900	0.0200	0.63		1006	0.646	0.0071		
				930	0.1600	0.71		1011	1.873	0.0163		
				1000	0.6200	1.02		1016	2.886	0.0337		
				1030	0.5000	1.27		1021	3.212	0.0560		
				1100	0.3400	1.44		1026	3.427	0.0803		
				1130	0.4400	1.66		1036	3.456	0.1306		
				1200	0.4200	1.87		1106	3.427	0.2817		
				1230	0.3200	2.03		1136	4.677	0.4595		
				1300	0.1000	2.08		1206	3.885	0.6473		
				1400	0.0400	2.12		1236	2.965	0.7976		
				1600	0.0300	2.18		1306	1.803	0.5023		
				1730	0.0333	2.23		1336	0.825	0.9559		
								1406	0.488	0.9887		
								1436	0.457	1.0094		
								1506	0.338	1.0265		
								1536	0.236	1.0395		
								1606	0.219	1.0495		
								1636	0.224	1.0592		
								1656	0.202	1.0654		
								1800	0.157	1.0841		
								1900	0.113	1.0977		
								2000	0.086	1.1064		

NOTES: To convert runoff in CFS to IN/HR, multiply by .067764.

1975 SELECTED RUNCPP EVENT			RIESEL (WACC), TEXAS WATERSHED Y-13							
ANTECEDENT CONDITIONS			RAINFALL				RUNCPP			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)										
							2- 2	2200	0.053	1.1186
								2400	0.029	1.1258

NOTES: To convert runoff in CFS to IN/HR, multiply by .067764.



EVENT OF FEBRUARY 2, 1975  
RIESEL (WACC), TEXAS WATERSHED Y-13



RIESEL (WACC), TEXAS WATERSHED Y-14

LOCATION: Falls County, Texas; 18 miles southeast of Waco; Brazos River Basin. Lat. 31 deg. 28 min. 11 sec. N.; Long. 96 deg. 52 min. 55 sec. W.

AREA: 5.60 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										RIESEL (WACC), TEXAS WATERSHED Y-14									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.50	3.40	1.60	2.91	6.65	3.56	1.71	1.44	2.95	2.27	2.10	1.82	31.91					
	Q	0.002	1.152	0.001	0.212	1.781	0.000	0.0	0.0	0.0	0.0	0.0	0.0	3.168					
STA AV	P	1.78	2.23	2.60	3.44	3.15	2.63	2.77	3.01	3.56	5.30	2.37	2.56	35.80					
	Q	0.149	0.230	0.590	0.430	0.802	0.597	0.435	0.141	0.458	1.347	0.437	0.545	6.201					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-24	1.104	5-23	0.544	5-23	0.692	2- 2	0.855	2- 2	0.934	5-23	1.432	5-24	1.435	5-22	1.781		
MAXIMUMS FOR PERIOD OF RECORD																			
		11-17	2.886	6- 3	1.500	6- 3	2.049	10-31	2.722	10-31	3.026	10-30	3.407	10-30	3.415	5-28	4.524		
		1971		1972		1973		1974		1974		1974		1974		1973			

NOTES: Watershed conditions: 56% grain sorghum; 4% grassed waterway. Cropland planted on graded furrows. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1969, USDA Misc. Pub. 1370, p. 42.038-5. Precipitation and runoff records began January 1, 1965. Precipitation data from Thiessen weighted method using rain gages 75-A and 89. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975	DAILY PRECIPITATION (inches)												RIESEL (WACC), TEXAS WATERSHED Y-14	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.28	0.0	0.0	0.0	0.0	0.05E	0.37	0.0	0.0	0.0	0.0		
2	0.46	2.43	0.0	0.0	0.0	0.0	0.0	0.46	0.0	0.0	1.27	0.0		
3	0.0	0.38	0.08E	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.10E	0.0	0.36	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.03E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0 E	0.0	0.0	0.0		
9	0.27	0.0	0.15E	0.05E	0.0	0.0	0.0	0.0	0.92	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.05E	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.505	0.0	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.27E	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	0.95	0.38	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.12E		
15	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.14	0.0	0.0	0.0		
16	0.0	0.0	0.17E	0.0	0.0	0.0	0.0	0.0	0.86	0.0	0.0	0.0		
17	0.0	0.21E	0.18E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.23	0.0		
20	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.0	0.80	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.04E	0.0	0.49	0.0	0.0		
23	0.0	0.10E	0.0	0.0	2.10	0.0	0.15E	0.0	0.0	0.38	0.0	0.0		
24	0.0	0.0	0.0	0.0	1.14	0.0	0.0	0.0	0.0	0.39	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.01	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.12	0.0	0.0	0.0	0.0	0.0	1.70		
27	0.0	0.0	0.0	0.0	0.0	0.81	0.0	0.38	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.72	0.60	0.50	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	1.00	0.89	0.0	0.18E	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.50	3.40	1.60	2.91	6.65	3.56	1.71	1.44	2.95	2.27	2.10	1.82		
STA AV	1.78	2.23	2.60	3.44	3.15	2.63	2.77	3.01	3.96	5.30	2.37	2.56		

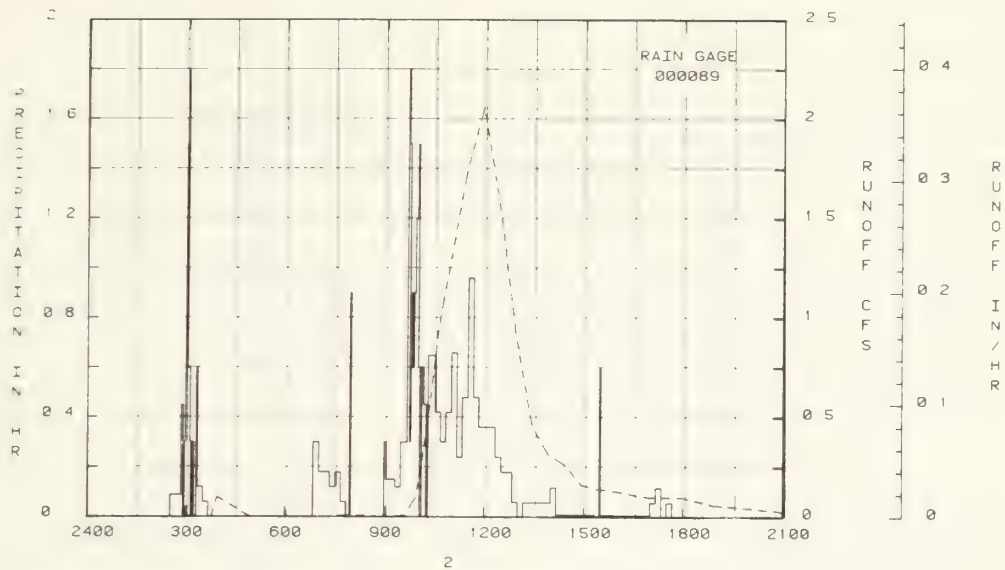
NOTES: For daily air temperature in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are Thiessen weighted average of rain gages 75A and 89. Records began January 1, 1969. STA AV based on 7 yr (1965-75) record period. Estimate codes may indicate that non-significant event totals are included.

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 4.250295. Records began January 1, 1969.  
STA AV based on 7 yr (1969-75) record period.

NOTES: To convert runoff in CFS to IN/HB, multiply by .177096

1975 SELECTED RUNOFF EVENT			FIESHI (WACC), TEXAS				WATERBED Y-14			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)										
2- 2				914	0.1500	0.55				
				918	0.1500	0.56				
				928	0.1200	0.58				
				938	0.3000	0.63				
				940	0.3000	0.64				
				942	1.6000	0.70				
				944	1.5000	0.75				
				946	0.3000	0.76				
				948	0.6000	0.78				
				950	0.5000	0.81				
				952	0.6000	0.83				
				954	0.5000	0.86				
				956	1.2000	0.90				
				958	1.2000	0.94				
				1000	1.5000	0.95				
				1002	0.6000	1.01				
				1004	0.0	1.01				
				1006	0.0	1.01				
				1010	0.6000	1.05				
				1014	0.4000	1.08				
				1018	0.0	1.08				
				1030	0.6500	1.21				
				1040	0.4200	1.28				
				1050	0.3000	1.33				
				1100	0.4200	1.40				
				1110	0.6600	1.51				
				1120	0.2400	1.55				
				1130	0.4000	1.63				
				1140	0.5000	1.75				
				1150	0.4000	1.87				
				1200	0.3000	1.93				
				1210	0.3000	1.95				
				1220	0.3000	2.05				
				1230	0.2400	2.05				
				1240	0.1000	2.12				
				1250	0.1000	2.15				
				1300	0.0000	2.16				
				1310	0.0	2.16				
				1340	0.0000	2.15				
				1400	0.0000	2.21				
				1410	0.1200	2.23				
				1520	0.0086	2.24				
				1528	0.0	2.24				
				1530	0.0000	2.26				
				1700	0.0067	2.27				
				1710	0.0000	2.28				
				1720	0.1200	2.30				
				1730	0.0	2.30				
				1740	0.0000	2.31				
				1750	0.0	2.31				

NOTES: To convert runoff in CFS to IFR/HB, multiply by .177096.





RIFSEL (WACO), TEXAS WATERSHED W-12

LOCATION: Falls County, Texas; 18 miles southeast of Waco; Brazos River Basin. Lat. 31 deg. 27 min. 56 sec. N.; 96 deg. 53 min. 07 sec. W.

AREA: 5.50 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														FIESEL (WACO), TEXAS WATERSHED W-12			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.48	3.48	1.57	2.90	8.37	3.15	1.32	1.47	2.91	2.04	1.52	1.50	32.11			
	Q	0.015	1.068	0.0	0.0	0.773	0.218	0.442	0.665	0.682	1.105	1.120	0.011	6.300			
STA AV	P	1.95	2.14	2.37	3.23	3.66	2.97	3.20	3.10	4.43	5.30	2.39	2.55	37.26			
	Q	0.102	0.202	0.407	0.332	0.337	0.621	0.311	0.222	0.704	1.127	0.672	0.521	5.559			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2- 2	0.283	2- 2	0.259	2- 2	0.459	2- 2	0.749	2- 2	0.809	2- 2	0.821	2- 2	1.061	1-28	1.066
MAXIMUMS FOR PERIOD OF RECORD																	
		6- 3	2.862	6- 3	1.675	11-17	2.018	10-31	2.576	10-31	2.977	10-30	3.226	10-30	3.234	5-26	3.437
1975				1973		1971		1974		1974		1974		1974		1973	

NOTES: Watershed conditions: 57% fall planted oats; 3% grassed waterway. Cropland planted on graded furrows. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1969, USDA Misc. Pub. 1370, p. 42.039-3. Precipitation and runoff records began October 1, 1969, part year records are included in STA AV. Precipitation data obtained from rain gage W1B. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975	DAILY PRECIPITATION (inches)												RIFSEL (WACO), TEXAS WATERSHED W-12	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.0	0.37	0.0	0.0	0.0	0.0	0.10E	0.38	0.0	0.0	0.0	0.0		
2	0.43	2.30	0.0	0.0	0.0	0.0	0.0	0.52	0.0	0.0	1.10	0.0		
3	0.0	0.41	0.06E	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.10E	0.0	0.15E	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.26	0.0	0.15E	0.05E	0.0	0.0	0.0	0.05E	0.89	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.08E	0.0	0.14E	0.0	0.0	0.0	0.0	0.0	0.0		
11	0.50E	0.0	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0		
13	0.0	0.0	1.01	0.38	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.11E		
15	0.0	0.0	0.0	0.0	0.17E	0.0	0.0	0.0	0.92	0.0	0.0	0.0		
16	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0		
17	0.0	0.20E	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.0	0.0	0.22	0.0		
20	0.0	0.0	0.0	0.0	0.54	0.0	0.0	0.0	0.64	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0		
22	0.0	0.05E	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.50	0.0	0.0		
23	0.0	0.15E	0.0	0.0	2.24	0.0	0.1E	0.0	0.0	0.35	0.0	0.0		
24	0.0	0.0	0.0	0.0	2.80	0.0	0.0	0.0	0.0	0.34	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.81	0.0	0.0		
26	0.0	0.0	0.0	0.0	0.0	2.01	0.0	0.0	0.0	0.0	0.0	1.39		
27	0.0	0.0	0.0	0.0	0.0	0.52	0.0	0.30	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.0	0.65	0.74	0.48	0.0	0.0	0.0	0.0	0.0	0.0		
29	0.0	0.0	0.0	1.06	0.56	0.0	0.15	0.0	0.0	0.0	0.0	0.0		
30	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.48	3.48	1.57	2.90	8.37	3.15	1.32	1.47	2.91	2.04	1.52	1.50		
STA AV	1.95	2.14	2.37	3.23	3.66	2.97	3.20	3.10	4.43	5.30	2.39	2.55		

NOTES: For daily air temperature in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage W1B. Records began October 1, 1969. STA AV based on 7 yr (1969-75) record period. Estimate codes may indicate that non-significant event totals are included.

1975 MEAN DAILY DISCHARGE (cfs) FIESFL (WACC), TEXAS WATERSHED W-12												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.003	0.0
2	0.001	0.341	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.003	0.0
3	0.0	0.095	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
4	0.0	0.008	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
11	0.002	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
12	0.003	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
23	0.0	0.0	0.0	0.0	0.015	0.0	0.003	0.003	0.003	0.003	0.0	0.0
24	0.0	0.0	0.0	0.0	0.173	0.0	0.003	0.003	0.003	0.003	0.0	0.004
25	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.014	0.003	0.003	0.003	0.003	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.042	0.003	0.003	0.003	0.003	0.0	0.0
28	0.0	0.0	0.0	0.0	0.001	0.029	0.003	0.003	0.003	0.003	0.0	0.0
29	0.0	0.0	0.0	0.0	0.132	0.003	0.003	0.003	0.003	0.003	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.003	0.003	0.003	0.003	0.003	0.0	0.0
MEAN	0.0002	0.0159	0.0	0.0	0.0104	0.0030	0.0059	0.0089	0.0122	0.0148	0.0155	0.0001
INCHES	0.015	1.068	0.0	0.0	0.773	0.218	0.442	0.665	0.882	1.105	1.126	0.011
STA AV	0.102	0.202	0.407	0.332	0.337	0.621	0.311	0.222	0.704	1.127	0.672	0.521

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 2.404207. STA AV based on 7 yr (1969-75) record period.

1975 SELECTED RUNOFF EVENT FIESFL (WACC), TEXAS WATERSHED W-12												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 2, 1975												
PG 000W1B			FG 000W1E									
2- 2	0.0	0.0	2- 2	140	0.0	0.0	2- 2	348	0.0	0.0		
				230	0.0360	0.03		355	0.005	0.0000		
				250	0.2100	0.10		400	0.012	0.0001		
				252	0.6000	0.12		500	0.005	0.0005		
				256	1.2000	0.20		600	0.001	0.0012		
WATERSHED CONDITIONS: 97% fall planted oats; 3% Bermudagrass waterway, good cover.				300	0.9000	0.26		700	0.003	0.0014		
				305	0.3600	0.29		800	0.025	0.0028		
				320	0.1600	0.33		900	0.008	0.0045		
				330	0.1200	0.35		930	0.016	0.0051		
				645	0.0062	0.37		940	0.023	0.0054		
				650	0.4600	0.41		950	0.068	0.0062		
				655	0.4800	0.45		1000	0.223	0.0066		
				700	0.2400	0.47		1010	0.465	0.0146		
				710	0.1800	0.50		1015	0.640	0.0193		
				730	0.1500	0.55		1020	0.805	0.0253		
				740	0.3600	0.61		1025	0.916	0.0325		
				800	0.0900	0.64		1030	1.103	0.0409		
				910	0.0514	0.70		1040	1.468	0.0626		
				930	0.1200	0.74		1050	1.679	0.0850		
				940	0.4200	0.81		1100	1.834	0.1183		
				550	0.7800	0.94		1110	2.225	0.1523		
1030	1.0800	1.12		1120	2.125	0.1856						
1010	0.4800	1.20		1130	2.324	0.2256						
1020	0.5400	1.25		1140	2.704	0.2677						
1030	0.3600	1.35		1150	2.757	0.3133						
1040	0.4200	1.42		1200	2.825	0.3595						
1050	0.1200	1.44		1210	2.566	0.4051						
1100	0.6600	1.55		1220	2.357	0.4467						
1110	0.4200	1.62		1230	2.169	0.4848						
1120	0.3000	1.67		1300	1.541	0.5777						

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.100175.



FIESEL (WACO), TEXAS WATERSHED W-13

LOCATION: Falls County, Texas; 18 miles southeast of Waco; Brazos River Basin. Lat. 31 deg. 27 min. 57 sec. N.; Long. 96 deg. 53 min. 08 sec. W.

AREA: 11.30 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)							FIESEL (WACO), TEXAS WATERSHED W-13												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.48	3.46	1.57	2.90	8.37	3.15	1.32	1.47	2.51	2.04	1.52	1.50	32.11					
	R	0.018	1.329	0.006	0.001	1.175	0.117	0.0	0.0	0.0	0.0	0.001	0.011	2.662					
STA AV	P	1.95	2.14	2.37	3.23	3.68	2.97	3.20	3.10	4.43	5.30	2.35	2.55	37.28					
	R	0.101	0.243	0.383	0.374	0.524	0.617	0.230	0.068	0.558	0.545	0.514	0.500	5.059					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2- 2	0.352	2- 2	0.320	2- 2	0.565	2- 2	0.542	2- 2	1.031	2- 2	1.052	2- 2	1.318	1-25	1.325		
MAXIMUMS FOR PERIOD OF RECORD																			
7- 6	3.317	6- 3	1.669	9-17	2.021	10-31	3.004	10-31	3.652	10-30	3.942	10-30	3.551	10-30	3.585				
1975		1973		1974		1974		1974		1974		1974		1974		1974			

NOTES: Watershed conditions: 57% fall planted oats; 3% grassed waterway. Cropland planted on graded furrows. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1969, USDA Misc. Pub. 1370, p. 42.040-3. Precipitation and runoff records began October 1, 1969, part year records are included in STA AV. Precipitation data obtained from rain gage W1E. For long-time precipitation records, see National Weather Service records at Waco, Texas.

1975 DAILY PRECIPITATION (inches)													
FIESEL (WACO), TEXAS WATERSHED W-13													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.37	0.0	0.0	0.0	0.0	0.10E	0.38	0.0	0.0	0.0	0.0	0.0
2	0.43	2.30	0.0	0.0	0.0	0.0	0.0	0.52	0.0	0.0	1.10	0.0	0.0
3	0.0	0.41	0.06E	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.10E	0.0	0.15E	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.26	0.0	0.15E	0.05E	0.0	0.0	0.0	0.05E	0.85	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.08E	0.0	0.14E	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.50E	0.0	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.25E	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	1.01	0.38	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.11E	0.0
15	0.0	0.0	0.0	0.0	0.17E	0.0	0.0	0.0	0.92	0.0	0.0	0.0	0.0
16	0.0	0.0	0.13E	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0
17	0.0	0.20E	0.15E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.0	0.0	0.22	0.0	0.0
20	0.0	0.0	0.0	0.0	0.54	0.0	0.0	0.0	0.84	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0
22	0.0	0.05E	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.50	0.0	0.0	0.0
23	0.0	0.15E	0.0	0.0	2.24	0.0	0.18	0.0	0.0	0.35	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	2.80	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.81	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	2.01	0.0	0.0	0.0	0.0	0.0	1.35	0.0
27	0.0	0.0	0.0	0.0	0.0	0.52	0.0	0.30	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.65	0.74	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	1.06	0.56	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	1.48	3.48	1.57	2.90	8.37	3.15	1.32	1.47	2.91	2.04	1.52	1.50	
STA AV	1.95	2.14	2.37	3.23	3.68	2.97	3.20	3.10	4.43	5.30	2.35	2.55	

NOTES: For daily air temperature in the vicinity, see table for Watershed C, p. 42.002-1. Precipitation values are from rain gage W1E. Records began October 1, 1969. STA AV based on 7 yr (1969-75) record period. Estimate codes may indicate that non-significant event totals are included.



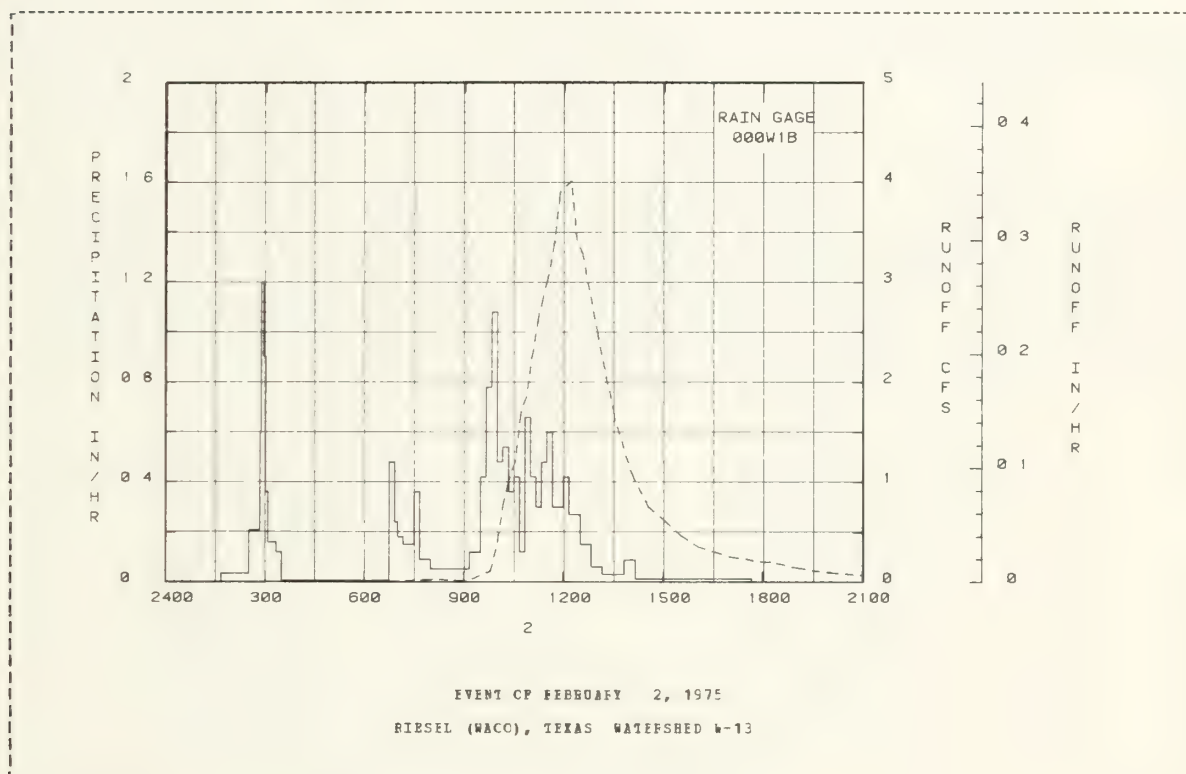
1975 MEAN DAILY DISCHARGE (cfs) BIESEL (WACC), TEXAS WATERSHED W-13												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.001	0.498	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.115	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.021	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.289	0.0	0.0	0.0	0.0	0.0	0.0	0.005
25	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.029	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.001	0.022	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.248	0.001	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0003	0.0225	0.0001	0.0	0.0181	0.0019	0.0	0.0	0.0	0.0	0.0	0.0002
INCHES	0.018	1.329	0.006	0.001	1.179	0.117	0.0	0.0	0.0	0.0	0.001	0.011
STA AV	0.101	0.243	0.383	0.374	0.524	0.617	0.230	0.068	0.598	0.945	0.514	0.500

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 2.106341. Records began October 1, 1965. STA AV based on 7 yr (1969-75) record period.

1975 SELECTED RUNOFF EVENT BIESEL (WACC), TEXAS WATERSHED W-13												
ANTECEDENT CONDITIONS			FAINFALL				RUNOFF					
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(irches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 2, 1975												
RG 000W1B			RG 000W1B									
2- 2	0.0	0.0	2- 2	140	0.0	0.0	2- 2	353	0.0	0.0		
				220	0.0360	0.03		403	0.010	0.0001		
				250	0.2100	0.10		503	0.005	0.0005		
				252	0.6000	0.12		603	0.008	0.0016		
				256	1.2000	0.20		703	0.008	0.0023		
WATERSHED CONDITIONS:												
97% fall planted oats; 3% Bermudagrass waterway, good cover.												
				300	0.5000	0.26		803	0.029	0.0040		
				305	0.5600	0.29		903	0.013	0.0058		
				320	0.1600	0.33		948	0.110	0.0099		
				330	0.1200	0.35		958	0.326	0.0130		
				645	0.0662	0.37		1003	0.505	0.0161		
				650	0.4600	0.41		1013	0.837	0.0259		
				655	0.4600	0.45		1023	1.052	0.0357		
				700	0.2400	0.47		1033	1.218	0.0563		
				710	0.1800	0.50		1043	1.708	0.0777		
				730	0.1500	0.55		1053	1.857	0.1038		
				740	0.3600	0.61		1103	2.256	0.1339		
				800	0.0500	0.64		1113	2.612	0.1695		
				910	0.0514	0.70		1123	2.866	0.2095		
				950	0.1200	0.74		1133	3.061	0.2531		
				940	0.4200	0.61		1143	3.410	0.3005		
				950	0.7800	0.94		1153	3.910	0.3541		
				1000	1.0600	1.12		1203	3.960	0.4116		
				1010	0.4600	1.20		1213	4.011	0.4659		
				1020	0.5400	1.25		1223	3.410	0.5242		
				1030	0.3600	1.35		1233	5.288	0.5732		
				1040	0.4200	1.42		1303	2.420	0.6984		
				1050	0.1200	1.44		1333	1.623	0.7871		
				1100	0.6600	1.55		1403	1.062	0.8465		
				1110	0.4200	1.62		1433	0.752	0.8867		
				1120	0.3000	1.67		1503	0.613	0.9167		

1975 SELECTED FURCFF EVENT			RIESEL (WACC), TEXAS WATERSHED W-13						
ANTECEDENT CONDITIONS			FAINFALL			FURCFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF FEBRUARY 2, 1975 (CONTINUED)									
2- 2				1130	0.4000	1.75	2- 2	1533	0.456
				1140	0.6000	1.65		1603	0.351
				1150	0.3000	1.50		1633	0.256
				1200	0.3000	1.95		1703	0.250
				1210	0.4200	2.02		1803	0.204
				1230	0.2700	2.11		1813	0.202
				1250	0.1500	2.16		1903	0.144
				1310	0.0600	2.18		2003	0.091
				1350	0.0300	2.20		2103	0.068
				1410	0.0500	2.23		2303	0.031
				1540	0.0133	2.25		2400	0.028
				1740	0.0150	2.28			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.067764.



## MCNTICELLIC, ILLINOIS (ALBERTON) WATERSHED IA

LOCATION: Platt Co., Il; 5 mi. SW of Monticello, Sangamon River, Illinois River, Mississippi River basin. Lat. 39 deg. 59 min. 42 sec. N.; Long. 88 deg. 38 min. 45 sec. W.

AREA: 82.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)						MCNTICELLIC, ILLINOIS (ALLERTON)					WATERSHED 1A						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1970	P	0.02	0.53	1.75	6.68	1.80	5.15	2.69	2.08	6.38	2.66	1.02	0.65	31.45			
	Q	0.009	0.002	0.0	0.695	0.000	0.710	0.0	0.0	0.000	0.000	0.000	0.0	1.416			
1971	P	0.0	2.54	1.18	0.66	2.99	3.20	9.53	1.71	5.61	1.45	1.63	7.20	38.10			
	Q	0.0	0.057	0.000	0.000	0.000	0.001	0.669	0.014	0.009	0.000	0.000	2.226	2.976			
1972	P	0.48	0.50	2.86	5.91	2.10	1.97	1.51	2.89	7.32	1.35	4.32	5.53	37.74			
	Q	0.0	0.0	0.001	0.765	0.0	0.0	0.0	0.000	0.001	0.000	0.021	0.698	1.486			
1973	P	1.44	0.54	7.20	2.78	3.15	8.92	7.44	1.11	2.56	2.98	2.73	2.82	43.69			
	Q	0.015	0.0	0.0	0.0	0.0	1.885	0.772	0.0	0.0	0.0	0.0	0.000	2.672			
1974	P	3.65	3.27	2.75	4.06	7.61	8.32	1.45	7.34	1.68	1.50	3.50	2.76	48.33			
	Q	1.165	0.421	0.0	0.111	0.870	3.600	0.0	0.227	0.0	0.0	0.0	0.0	6.354			
1975	P	3.35	2.13	2.61	3.22	3.87	4.76	4.52	7.17	3.10	2.52	2.33	2.75	42.37			
	Q	0.021	0.298	0.0	0.0	0.001	0.0	0.019	0.122	0.000	0.0	0.000	0.036	0.496			
STA AV	P	1.82	1.94	2.57	3.79	3.57	4.66	4.06	3.03	2.95	2.87	2.15	2.46	35.92			
	Q	0.189	0.239	0.063	0.174	0.087	0.509	0.187	0.032	0.002	0.095	0.004	0.221	1.806			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1970		6-15	0.654	6-15	0.347	6-15	0.434	6-15	0.648	6-15	0.707	6-15	0.710	6-14	0.710	6-8	0.710
1971		12-10	0.473	12-10	0.334	12-10	0.538	12-10	0.848	12-10	1.014	12-9	1.051	12-13	1.166	12-7	2.220
1972		4-19	0.131	4-19	0.128	4-19	0.243	4-19	0.548	4-19	0.671	4-20	0.681	4-20	0.761	4-14	0.761
1973		6-6	1.413	6-6	0.568	6-6	0.735	6-5	1.050	6-5	1.116	6-6	1.197	6-5	1.197	5-30	1.197
1974		6-22	0.871	6-22	0.515	6-22	0.775	6-22	1.225	6-22	2.258	6-22	2.511	6-21	3.578	6-15	3.593
1975		8-5	0.107	2-22	0.053	2-22	0.099	2-22	0.246	2-22	0.255	2-22	0.298	2-21	0.298	2-15	0.298
MAXIMUMS FOR PERIOD OF RECORD																	
		6-6	1.413	6-6	0.568	6-22	0.775	6-22	1.225	6-22	2.258	6-22	2.511	6-21	3.578	6-15	3.593
		1973		1973		1974		1974		1974		1974		1974		1974	

NOTES: For general description of Watershed, see Monthly Precipitation and Runoff for Small Agricultural Watersheds in the United States, USDA, AFS, 1957 (Reference No. 1), page 61.1-1. Watershed conditions: With the exceptions of a small portion (3.8%) devoted to roads and 14.7% in permanent pasture, the entire area is used in cropping activities. For percentages of the watershed in various crops, by years, and planting dates for 1970 thru 1975, see table this page. Data for 1960 through 1969 together with a contour drainage map, on page 61.001-23 are included in Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1974, USDA Misc. Pub. 1437. Precipitation values are from B-1 gage, located about 400 ft. east of streamgaging station. Precipitation and runoff records began August 1949. STA AV precipitation and runoff amounts are for 27 yr (1949-75) period of record. For long-time precipitation records, see National Weather Service records at Decatur Illinois.

## CROPS, % BY YEARS WITH PLANTING (P) &amp; HARVEST (H) DATES

Year	Corn	Wheat	Soybeans
1970	13.9 05-06 TO 05-22 (P) COMPLETED 11-08 (H)		67.6 05-20 TO 06-08 (P) COMPLETED 11-08 (H)
1971	24.3 04-19 TO 05-14 (P) COMPLETED 11-21 (H)		57.2 05-15 TO 05-27 (P) COMPLETED 10-16 (H)
1972	57.2 05-05 TO 05-18 (P) COMPLETED 02-13-73 (H)		24.3 05-17 TO 06-16 (P) COMPLETED 10-20 (H)
1973	36.3 05-04 TO 05-25 (P) COMPLETED 12-02 (H)		45.2 06-01 TO 06-14 (P) COMPLETED 10-10 (H)
1974	55.3 05-06 TO 06-29 (P) COMPLETED 10-28 (H)	3.0 10-21 TO 10-22 (P) COMPLETED 07-08-75 (H)	23.2 06-16 TO 07-03 (P) COMPLETED 10-22 (H)
1975	35.3 04-21 TO 05-06 (P) 10-24 TO 11-07 (H)		42.2 05-03 TO 05-17 (P) 10-01 TO 10-10 (H)

Cooperative Research Project of the Agricultural Engineering Department, Univ. of Illinois and USDA

1970	DAILY PRECIPITATION (inches)					MONTICELLO, ILLINOIS (ALLERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.14	0.72	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.12	0.35	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.14	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.11	0.0	0.0	0.16	0.0
5	0.0	0.0	0.0	0.0	0.0	0.61	0.0	0.15	0.0	0.15	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.12	0.0	0.0	0.0	0.0	0.0	1.27	0.10	0.40	0.0	0.0
9	0.0	0.13	0.0	0.0	0.10	0.0	0.0	0.0	0.18	0.30	0.40	0.0
10	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.65	0.0	0.0	0.0	0.0	0.04	0.0	0.08
12	0.0	0.0	0.0	0.4	0.0	0.13	0.0	0.0	0.13	0.0	0.0	0.0
13	0.0	0.0	0.0	0.25	0.35	0.06	0.0	0.0	0.85	0.72	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.32	0.0	0.37	1.10	0.08	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	2.68	0.02	0.04	0.16	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0	0.0	0.0
17	0.02	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.26
18	0.0	0.0	0.10	2.40	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	1.23	0.80	0.0	0.0	0.42	0.0	0.0	0.12	0.38	0.0
20	0.0	0.0	0.0	0.16	0.0	0.17	0.0	0.0	0.0	0.15	0.08	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.06	0.0	0.0	0.30
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.24	0.0	0.0	0.05
23	0.0	0.0	0.0	0.92	0.0	0.0	0.0	0.0	0.40	0.04	0.0	0.0
24	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.37	0.0	0.0	0.0	0.0	0.12	0.0	0.0	0.0
27	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.21	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.41	0.0	0.0
29	0.0	0.0	0.0	0.0	0.22	0.0	0.35	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.10	0.0	1.06	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.02	0.53	1.75	6.65	1.60	5.15	2.65	2.08	6.38	2.66	1.02	0.65
STA AV	1.64	2.00	2.22	4.00	3.40	4.31	3.64	2.52	2.49	3.25	1.86	1.74

NOTES: Precipitation data are from the R-1 gage. STA AV based on 22 yr period (1949-70), part year records included.

1971	DAILY PRECIPITATION (inches)					MONTICELLO, ILLINOIS (ALLERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.50	0.0	0.0	0.0	0.0	0.46	0.0	0.14	0.0
2	0.0	0.0	0.0	0.0	0.0	0.50	0.0	0.0	0.0	0.0	0.06	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	1.54	0.0	0.0	0.0	0.0	3.76	0.0	0.0	0.0	0.0	0.08
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.49	0.0	0.0	0.0
6	0.0	0.0	0.13	0.0	0.40	0.0	0.0	0.0	0.01	0.0	0.0	0.45
7	0.0	0.0	0.0	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.28
8	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.28	0.0	0.0
9	0.0	0.0	0.23	0.0	0.05	0.0	0.61	0.0	0.0	0.0	0.10	0.16
10	0.0	0.0	0.07	0.0	0.0	0.0	1.07	0.18	0.0	0.0	0.0	3.16
11	0.0	0.0	0.0	0.0	0.53	0.13	0.02	0.0	0.31	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.05	0.0	0.0	1.06	0.0	0.0	0.32	0.0	0.0
14	0.0	0.0	0.60	0.0	0.0	0.0	0.0	1.41	0.0	0.0	0.03	1.65
15	0.0	0.0	0.0	0.0	0.0	0.62	0.0	0.01	0.05	0.0	0.0	0.50
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.42	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.20	0.15	0.0	0.0	0.0	1.16	0.0	0.0	0.0	0.61	0.0
19	0.0	0.19	0.0	0.0	0.0	0.55	0.0	0.0	0.68	0.0	0.04	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0
21	0.0	0.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.0
22	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.79	0.0	0.76	0.06	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.09	0.52	0.0	0.0	1.81	0.0	0.0	0.0
26	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.0
27	0.0	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	1.28	0.0	0.0	0.0	0.08	0.01
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.32	0.69	0.0
30	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	2.54	1.18	0.66	2.59	3.20	5.93	1.71	5.61	1.45	1.63	7.20
STA AV	1.69	2.05	2.14	3.72	3.37	4.22	4.17	2.46	2.73	3.11	1.85	2.16

NOTES: Precipitation data are from the R-1 gage. STA AV based on 23 yr period (1949-71), part year records included.



1972	DAILY PRECIPITATION (inches)					MONTICELLO, ILLINOIS (ALLERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.05	0.0	0.03	0.16	0.13	0.0	0.42	0.0	0.04	0.0	1.44	0.0
2	0.0	0.12	0.0	0.0	0.0	0.0	0.06	0.0	0.63	0.0	0.02	0.0
3	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.62	0.0	0.0	0.0	0.17
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.23
6	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.51	0.0	0.08	0.0	0.02
7	0.0	0.0	0.0	0.45	0.15	0.0	0.0	0.0	0.97	0.0	0.20	0.08
8	0.0	0.0	0.0	0.0	1.08	0.18	0.0	0.0	0.0	0.0	0.0	0.07
9	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.09
10	0.0	0.18	1.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.43	0.0
11	0.0	0.0	0.0	1.04	0.0	0.0	0.0	0.81	0.0	0.0	0.0	0.11
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.45	0.0	0.0	0.02	1.33
13	0.0	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.78	0.0	1.44	0.22
14	0.11	0.02	0.0	0.0	0.10	0.78	0.0	0.0	0.52	0.0	0.04	0.0
15	0.0	0.0	0.0	0.50	0.0	0.14	0.20	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	2.15	0.0	0.0	0.0	0.0	0.0	0.0	0.17	0.13
20	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.10	0.76	0.0	0.0	0.0	0.0	1.12	0.14	0.0	0.0
22	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.80	0.13	0.0
23	0.0	0.13	0.0	0.0	0.0	0.0	0.0	1.10	0.67	0.0	0.0	0.03
24	0.0	0.0	0.0	0.0	0.0	0.0	0.78	0.0	0.41	0.0	0.0	0.07
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.95	0.0	0.30	0.0
26	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.48	0.0	0.05	0.02
27	0.25	0.0	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0
28	0.0	0.0	0.0	0.11	0.0	0.66	0.0	0.0	0.14	0.0	0.0	0.0
29	0.0	0.0	0.51	0.16	0.03	0.18	0.0	0.0	0.54	0.0	0.0	1.16
30	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.62
31	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0
TOTAL	0.48	0.50	2.86	5.91	2.10	1.57	1.51	3.85	7.32	1.35	4.32	5.53
STA AV	1.55	1.93	2.19	3.85	3.27	4.05	3.96	2.56	3.06	2.58	2.02	2.40

NOTES: Precipitation data are from the R-1 gage. STA AV based on 24 yr period (1949-72), part year records included.

1973	DAILY PRECIPITATION (inches)					MONTICELLO, ILLINOIS (ALLERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.18	0.0	0.10	0.05	0.63	0.0	0.0	0.0	0.08	0.0	0.0
2	0.0	0.06	0.09	0.0	0.35	0.13	0.0	0.0	0.0	0.0	0.0	0.0
3	0.80	0.0	0.0	0.0	0.0	3.03	0.10	0.0	0.0	0.41	0.0	0.0
4	0.0	0.0	0.84	0.05	0.0	0.31	0.30	0.0	0.0	0.66	0.0	1.30
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.20	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.06	0.07	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.19	0.0	0.10	0.0
9	0.0	0.0	0.13	0.47	0.12	0.0	0.0	0.0	0.22	0.0	0.0	0.0
10	0.0	0.0	0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.69	0.0	0.24	0.0	0.15
13	0.0	0.13	0.62	0.0	0.0	0.18	0.0	0.22	0.78	0.57	0.0	0.08
14	0.0	0.11	0.23	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.87	0.0
16	0.0	0.0	0.59	0.35	0.07	1.20	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.08	0.07	0.08	0.35	0.0	0.0	0.30	0.0	0.10	0.0
18	0.30	0.0	0.0	0.02	0.0	1.54	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.04	0.20	0.0	0.0	1.47	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.11	0.46	0.0	0.0	2.00	0.0	0.0	0.0	0.19	0.0
21	0.13	0.0	0.0	0.96	0.0	0.0	0.56	0.0	0.0	0.0	0.0	0.0
22	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0
23	0.0	0.0	1.73	0.0	0.04	0.0	1.65	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.07	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.46	0.38
25	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.25	0.0	0.57	0.15
26	0.0	0.0	0.0	0.0	0.69	1.01	0.08	0.0	0.0	0.0	0.20	0.42
27	0.0	0.0	0.0	0.0	0.80	0.54	0.02	0.0	0.0	0.35	0.08	0.0
28	0.08	0.0	0.32	0.10	0.07	0.0	0.0	0.0	3.55	0.0	0.16	0.0
29	0.0	0.0	0.04	0.0	0.02	0.0	0.0	0.0	0.22	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	1.20	0.15	0.0	0.0	0.0	0.32
31	0.0	0.0	0.96	0.0	0.0	0.0	0.0	0.0	0.0	0.63	0.0	0.02
TOTAL	1.44	0.54	7.20	2.78	3.15	8.52	7.44	1.11	2.58	2.98	2.73	2.62
STA AV	1.58	1.83	2.55	3.81	3.26	4.40	4.21	2.46	3.03	2.58	2.07	2.43

NOTES: Precipitation data are from the R-1 gage. STA AV based on 25 yr period (1949-73), part year records included.

1974	DAILY PRECIPITATION (inches)					MCINTIRE, ILLINOIS (ALBERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.0	0.0	0.0	0.10
2	0.0	0.0	0.0	0.0	0.52	0.0	0.0	1.08	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.59	0.0
4	0.0	0.0	0.57	0.11	0.0	0.0	0.0	0.0	0.35	0.0	0.74	0.0
5	0.0	0.0	0.0	0.04	0.0	0.64	0.0	0.0	0.0	0.10	0.04	0.0
6	0.0	0.60	0.0	0.0	0.0	0.47	0.0	0.0	0.0	0.0	0.0	0.21
7	0.0	0.06	0.0	0.75	0.30	0.55	0.0	0.0	0.0	0.0	0.0	0.36
8	0.28	0.0	0.0	0.0	0.71	0.26	0.10	0.0	0.0	0.0	0.0	0.0
9	0.27	0.0	0.46	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
10	0.05	0.0	0.0	0.0	0.0	0.0	0.0	3.58	0.0	0.0	1.12	0.0
11	0.0	0.0	0.60	0.24	1.04	0.12	0.07	0.45	0.36	0.0	0.09	0.58
12	0.0	0.0	0.40	0.72	0.0	0.0	0.0	0.0	0.70	0.27	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.42	0.02	0.0
14	0.0	0.0	0.0	0.52	0.20	0.70	0.0	0.0	0.0	0.32	0.0	0.12
15	0.0	0.0	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.26
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.43	0.13	0.0	0.0	0.47	0.0	0.0	0.0	0.0	6.07	0.05	0.05
19	0.22	0.88	0.0	0.05	1.01	0.62	0.0	0.0	0.0	0.0	0.0	0.0
20	9.50	0.0	0.14	0.04	0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.05	1.45	0.01	1.31	0.62	2.16	0.0	0.0	0.0	0.0	0.0	0.0
22	0.62	0.05	0.0	0.0	0.04	2.55	3.58	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.05	0.27
24	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.41
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.05
26	0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0
28	0.30	0.0	0.0	0.02	0.05	0.0	0.74	0.50	0.24	0.0	0.0	0.0
29	0.0	0.0	0.15	0.26	0.43	0.0	0.0	0.0	0.0	0.22	0.0	0.05
30	0.0	0.0	0.0	0.0	1.17	0.0	0.0	0.0	0.0	0.0	0.20	0.07
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.28	0.0	0.04	0.0	0.15
TOTAL	3.65	3.27	2.75	4.06	7.61	8.52	1.45	7.34	1.68	1.50	3.50	2.76
STA AV	1.72	1.93	2.56	3.83	3.55	4.66	4.03	2.77	2.54	2.89	2.18	2.45

NOTES: Precipitation data are from the E-1 gage. STA AV based on 26 yr period (1949-74), part year records included.

1975	DAILY PRECIPITATION (inches)					MCINTIRE, ILLINOIS (ALBERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.15	0.0	0.0	0.0	0.0
2	0.13	0.0	0.0	0.28	0.0	0.12	0.0	0.0	0.0	0.0	0.14	0.0
3	0.08	0.0	0.12	0.03	0.14	0.0	0.0	0.0	0.0	0.0	0.01	0.0
4	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.0
5	0.0	0.08	0.0	0.0	0.0	0.47	0.77	2.32	0.21	0.0	0.0	0.16
6	0.12	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0	0.20	0.12
7	0.04	0.0	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.20	0.13	0.0	0.0	0.60	0.0	0.55	0.0	0.0	1.58	0.25	0.02
9	0.0	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.09	0.0	0.07	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.09	0.03	0.10	0.25	0.81	0.0	0.0	0.0
12	0.0	0.10	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05
13	0.0	0.0	0.0	0.0	0.0	0.62	0.06	0.06	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.15	0.0	1.01	0.0	0.40	0.0	0.0	0.0	1.55
15	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.31
16	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.10	0.03	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0	0.0
18	0.0	0.04	0.50	0.37	0.0	0.0	0.0	0.16	0.29	0.07	0.0	0.0
19	0.30	0.0	0.0	0.0	0.45	0.0	1.15	0.0	1.52	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.26	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0
22	0.0	1.13	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.22	0.02	1.08	0.0	0.64	0.86	0.0	0.0	0.0	0.0	0.0
24	0.10	0.06	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.87	0.0	0.0
25	0.48	0.0	0.0	0.42	0.04	1.51	0.0	1.57	0.0	0.0	0.13	0.12
26	0.0	0.0	0.0	0.0	1.53	0.0	0.0	0.21	0.0	0.0	0.0	0.08
27	0.0	0.0	0.56	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.18	0.0	0.57	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0
29	0.32	0.0	0.0	0.20	0.0	0.0	0.0	1.30	0.06	0.0	0.44	0.50
30	0.25	0.0	0.0	0.31	0.53	0.0	0.0	0.35	0.0	0.0	0.67	0.0
31	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	3.35	2.13	2.61	3.22	3.87	4.76	4.52	7.17	3.10	2.52	2.33	2.75
STA AV	1.82	1.94	2.57	3.75	3.57	4.66	4.06	3.03	2.65	2.87	2.19	2.46

NOTES: Precipitation data are from the E-1 gage. STA AV based on 27 yr period (1949-75), part year records included.

1970 MEAN DAILY DISCHARGE (cfs) MCINTICELLIC, ILLINOIS (ALLERTON) WATERSHED 1A													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	2.373	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.072	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.007	0.0	0.800	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	1.593	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MEAN	0.0010	0.0002	0.0	0.0758	0.0	0.0015	0.0	0.0	0.0	0.0	0.0	0.0	
INCHES	0.005	0.002	0.0	0.695	0.000	0.710	0.0	0.0	0.000	0.000	0.000	0.0	
STA AV	0.166	0.277	0.092	0.174	0.047	0.242	0.139	0.015	0.002	0.140	0.004	0.066	

NOTES: To convert CFS to IN/DAY, multiply by 0.290264. STA AV based on 22 yr period (1946-70), part year records included.

1971 MEAN DAILY DISCHARGE (cfs) MCINTICELLIC, ILLINOIS (ALLERTON) WATERSHED 1A													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	1.731	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.025	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.085	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.050	0.0	0.0	0.0	2.407	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.622	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.026	0.0	0.0	0.0	0.0	0.336	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.090	0.0	0.0	0.0	0.0	0.062	0.0	0.001	0.0	0.0	0.0	
20	0.0	0.075	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	
21	0.0	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.023	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.001	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.058	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.017	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MEAN	0.0	0.0071	0.0	0.0	0.0	0.0001	0.0743	0.0016	0.0010	0.0	0.0	0.2473	
INCHES	0.0	0.057	0.000	0.000	0.000	0.001	0.669	0.014	0.009	0.000	0.000	2.226	
STA AV	0.152	0.258	0.084	0.160	0.043	0.222	0.183	0.015	0.002	0.129	0.003	0.252	

NOTES: To convert CFS to IN/DAY, multiply by 0.290264. STA AV based on 23 yr period (1949-71), part year records included.

1972	MEAN DAILY DISCHARGE (cfs)					PCNTICHI, ILLINOIS (ALLERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.113
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.033	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.073	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	1.868	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.465	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.285	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.250
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.002
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0001	0.0878	0.0	0.0	0.0	0.0	0.0001	0.0	0.0024	0.0775
INCHES	0.0	0.0	0.001	0.785	0.0	0.0	0.0	0.000	0.001	0.000	0.021	0.658
STA AV	0.141	0.238	0.078	0.206	0.040	0.205	0.165	0.014	0.002	0.120	0.005	0.265

NOTES: To convert CFS to IN/DAY, multiply by 0.250264. STA AV based on 24 yr period (1949-72), part year records included.

1973	MEAN DAILY DISCHARGE (cfs)					PCNTICHI, ILLINOIS (ALLERTON)					WATERSHED 1A	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.050	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.841	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	3.046	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.237	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	1.678	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.812	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.113	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	1.734	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.355	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.270	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0016	0.0	0.0	0.0	0.0	0.2165	0.0858	0.0	0.0	0.0	0.0	0.0
INCHES	0.015	0.0	0.0	0.0	0.0	1.885	0.772	0.0	0.0	0.0	0.0	0.000
STA AV	0.132	0.221	0.072	0.151	0.037	0.325	0.212	0.013	0.002	0.112	0.004	0.246

NOTES: To convert CFS to IN/DAY, multiply by 0.250264. STA AV based on 25 yr period (1949-73), part year records included.



1974 MEAN DAILY DISCHARGE (cfs) MCNTICEILL, ILLINOIS (ALLERTON) WATERSHED 1A												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.737	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.043	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.026	0.0	0.0	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.036	0.0	0.0	0.0	0.814	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	1.914	0.0	0.0	0.0	0.880	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	1.771	0.704	0.0	0.0	0.633	3.677	0.0	0.0	0.0	0.0	0.0	0.0
22	0.085	0.745	0.0	0.326	0.002	8.575	0.0	0.0	0.0	0.0	0.0	0.0
23	0.175	0.0	0.0	0.0	0.0	0.126	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.660	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.1295	0.0517	0.0	0.0128	0.0567	0.4134	0.0	0.0252	0.0	0.0	0.0	0.0
INCHES	1.165	0.421	0.0	0.111	0.870	3.600	0.0	0.227	0.0	0.0	0.0	0.0
STA AV	0.201	0.235	0.067	0.186	0.093	0.543	0.156	0.026	0.002	0.105	0.004	0.232

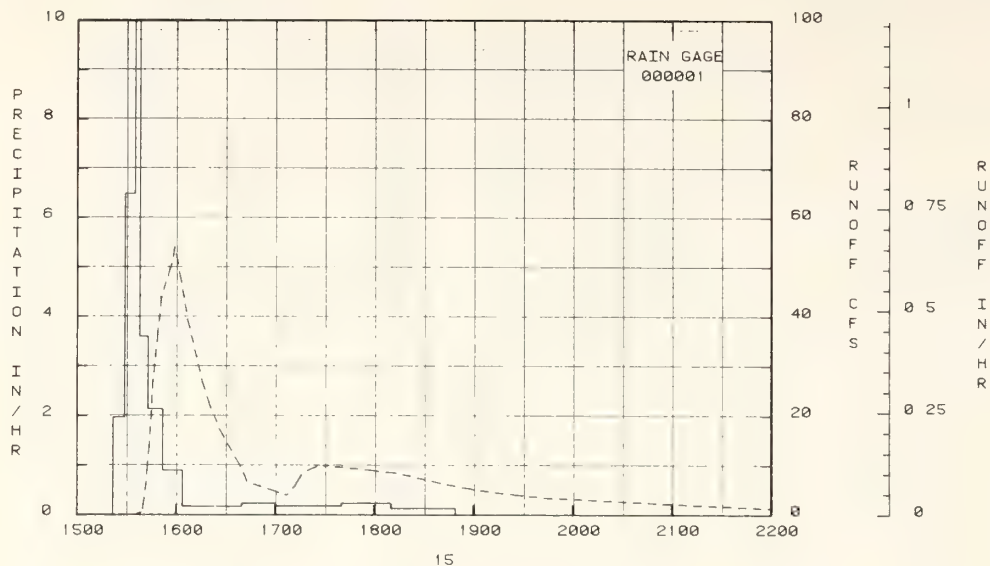
NOTES: To convert CFS to IN/DAY, multiply by 0.250274. STA AV based on 26 yr period (1949-74), part year records included.

1975 MEAN DAILY DISCHARGE (cfs) MCNTICEILL, ILLINOIS (ALLERTON) WATERSHED 1A												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.418	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.005
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.120
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.064	0.0	0.001	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	1.023	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.071	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.002	0.0	0.0	0.001	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0023	0.0366	0.0	0.0	0.0001	0.0	0.0021	0.0136	0.0	0.0	0.0	0.0040
INCHES	0.021	0.298	0.0	0.0	0.001	0.0	0.015	0.122	0.000	0.0	0.000	0.036
STA AV	0.185	0.239	0.063	0.174	0.087	0.509	0.187	0.032	0.002	0.099	0.004	0.221

NOTES: To convert CFS to IN/DAY, multiply by 0.250264. STA AV based on 27 yr period (1949-75), part year records included.

1970 SELECTED RUNCFF EVENT			MCNTICELIC, ILLINOIS (ALLPETCH)				WATERSHED 1A			
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date Mo-Day	Rainfall (inches)	Runcff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT CP JUNE 15, 1970										
6-15	RG 000001 0.0	0.0	6-15	RG 000001			6-15	1524	0.002	0.0
				1522	0.0	0.0		1522	0.010	0.0000
				1526	1.9714	0.22		1536	0.096	0.0000
				1535	6.5000	0.88		1527	0.364	0.0001
				1538	10.0000	1.38		1538	0.418	0.0002
				1543	3.8000	1.68		1539	0.590	0.0003
				1552	2.1333	2.00		1540	1.272	0.0005
				1604	0.9000	2.18		1541	3.541	0.0010
				1640	0.1667	2.28		1542	6.757	0.0020
				1700	0.2400	2.36		1543	10.876	0.0038
				1740	0.1800	2.48		1544	14.834	0.0064
				1810	0.2400	2.60		1545	21.047	0.0100
				1849	0.1231	2.68		1546	27.338	0.0149
								1547	30.455	0.0207
								1549	37.646	0.0344
								1551	44.144	0.0509
								1557	50.706	0.1083
								1559	54.116	0.1294
								1600	52.115	0.1401
								1603	46.927	0.1701
								1607	39.052	0.1046
								1616	26.650	0.2444
								1621	21.453	0.2867
								1627	16.836	0.3115
								1639	9.801	0.3441
								1643	6.705	0.3508
								1658	4.965	0.3684
								1707	3.983	0.3765
								1708	4.303	0.3774
								1712	5.830	0.3815
								1716	8.112	0.3871
								1720	9.111	0.3940
								1725	9.756	0.4035
								1731	9.525	0.4154
								1732	9.868	0.4174
								1758	8.961	0.4668
								1813	8.377	0.4530
								1840	6.356	0.5331
								1900	5.054	0.5562

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.012054.



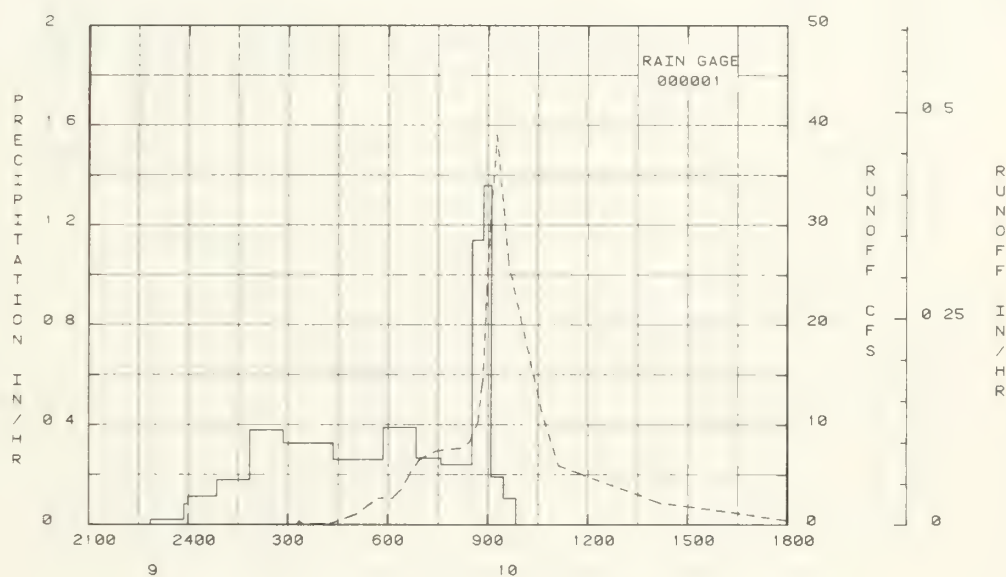
EVENT OF JUNE 15, 1970  
MONTICELLO, ILLINOIS (ALLERTON) WATERSHED IA

1971 SELECTED RUNOFF EVENT			MONTICELLO, ILLINOIS (ALLERTON) WATERSHED IA					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)
EVENT OF DECEMBER 9 - 10, 1971								
12-9	RG 000001		12-9	FG 000001		12-10		
12-10	0.13	0.0		2253	0.0		113	0.0
				2353	0.0200		128	0.001
				2400	0.0857		145	0.001
			12-10	52	0.1154		203	0.001
				152	0.1800		228	0.001
WATERSHED CONDITIONS: For cropping information, see table, page 61.001-1.				252	0.3800		258	0.001
				422	0.3267		315	0.003
				552	0.2600		316	0.003
				652	0.3900		322	0.405
				737	0.2667		323	0.266
				832	0.2400		328	0.077
				852	1.1400		343	0.067
				907	1.3600		408	0.132
				929	0.1909		418	0.174
				952	0.1044		431	0.359
							505	1.144
							533	2.246
							543	2.652
							553	2.726
							608	2.625
							625	3.575
							643	5.336
							658	6.557
							728	7.432
							813	7.652
							828	6.258
							843	10.244
							852	14.706
							859	24.056
							905	30.478

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.012054.

1971 SELECTED RUNOFF EVENT			MONTICELLO, ILLINOIS (ALLESTON)				WATERSHED 1A			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Fallfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 9 - 10, 1971 (CONTINUED)										
				12-10			916		35.052	0.4037
							936		25.933	0.5476
							1038		11.229	0.7726
							1108		5.860	0.8243
							1144		5.142	0.8643
							1414		2.126	0.9742
							1501		1.835	0.9930

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.012054.

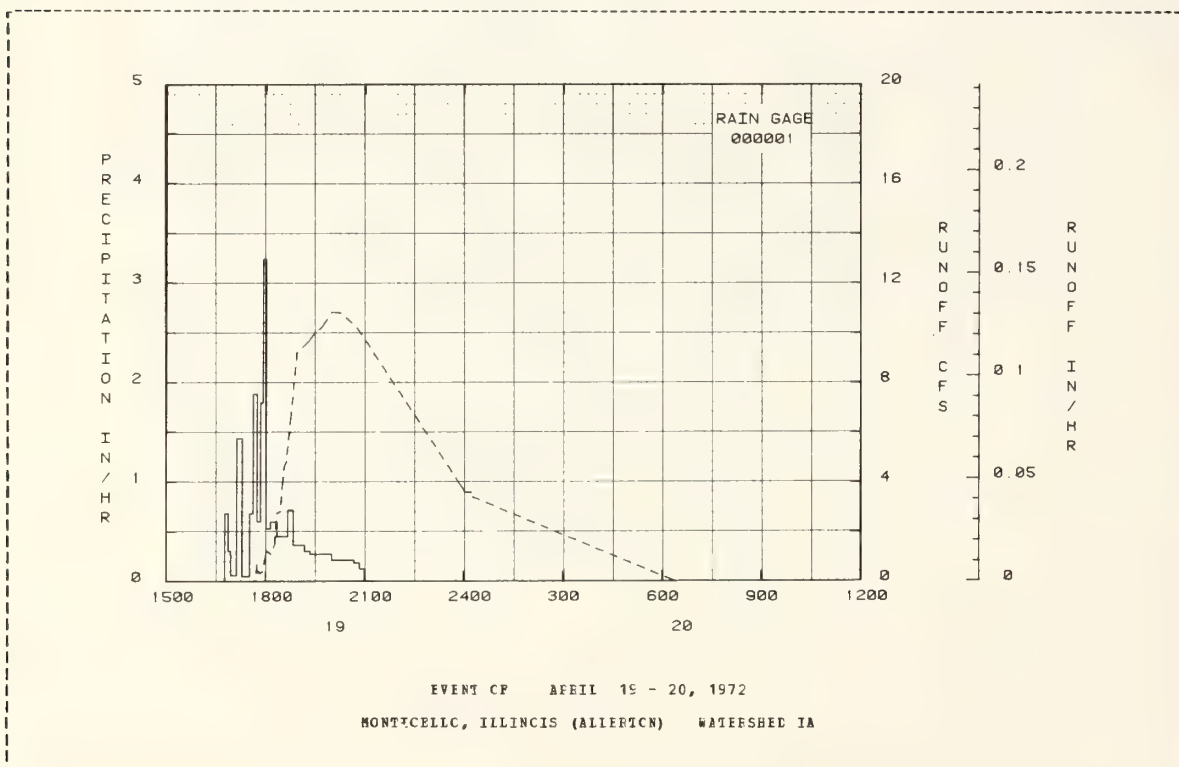


EVENT OF DECEMBER 9 - 10, 1971  
MONTICELLO, ILLINOIS (ALLESTON) WATERSHED 1A



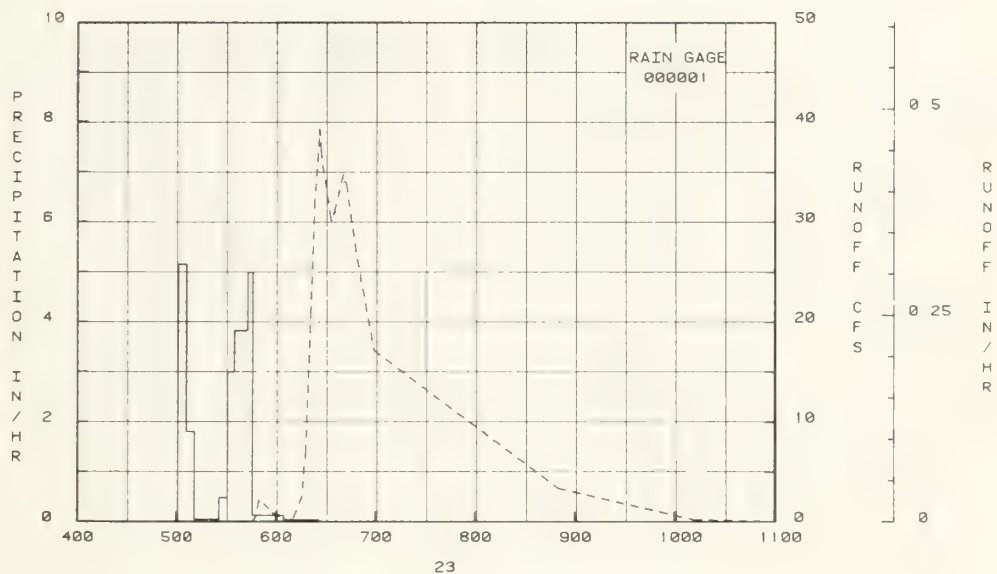
1972	SELECTED RUNOFF EVENT					MONTICELLIC, ILLINOIS (ALLERTON)				WATERSHED 1A	
ANTECEDENT CCNDITICNS			FAINFALL				RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT CF APRIL 19 - 20, 1972											
4-19	FG 000001		4-19	FG 000001			4-19				
	0.05	0.0		1646	0.0	0.0		1625	0.0	0.0	
				1653	0.6857	0.08		1627	0.001	0.0	
				1657	0.3000	0.10		1650	0.0	0.0	
				1708	0.0545	0.11		1654	0.0	0.0	
				1718	1.4400	0.35		1709	0.001	0.0	
WATERSHED CONLTICNS:											
For cropping information,											
see table, page 61.001-1.											
				1731	0.0462	0.36		1717	0.002	0.0	
				1738	0.6857	0.44		1735	0.002	0.0000	
				1745	1.8857	0.66		1742	0.043	0.0000	
				1751	0.6000	0.72		1744	0.421	0.0001	
				1756	1.8000	0.87		1745	0.652	0.0002	
				1801	3.2400	1.14		1749	0.256	0.0006	
				1809	0.5250	1.21		1755	0.407	0.0011	
				1821	0.6000	1.33		1802	1.266	0.0022	
				1841	0.4500	1.48		1805	1.153	0.0030	
				1851	0.7200	1.60		1810	1.078	0.0041	
				1911	0.3600	1.72		1817	1.533	0.0060	
				1921	0.3000	1.77		1821	2.759	0.0077	
				1941	0.2700	1.86		1827	2.817	0.0111	
				2001	0.2700	1.95		1831	3.688	0.0138	
				2021	0.2100	2.02		1934	4.577	0.0163	
				2041	0.2100	2.05		1838	4.834	0.0201	
				2051	0.1800	2.12		1847	6.817	0.0307	
				2101	0.1200	2.14		1857	9.240	0.0469	
								1917	9.636	0.0845	
								1927	9.929	0.1046	
								1942	10.240	0.1351	
								1952	10.553	0.1561	
								2000	10.832	0.1733	
								2016	10.789	0.2082	
								2047	10.157	0.2736	
								2400	3.648	0.5422	
							4-20	2	3.560	0.5436	
								13	3.555	0.5515	
								16	3.383	0.5536	
								622	0.0	0.6784	

NOTES: To convert runoff in CFS to IN/DAV, multiply by 0.012054.



1973 SELECTED RUNOFF EVENT			MONTICELLO, ILLINOIS (ALLERTON)				WATERSHED 1A			
ANTECEDENT CONDITIONS			FAINFALL				RUNOFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP JULY 23, 1973										
RG 000001			RG 000001							
7-23	0.0	0.0	7-23	501	0.0	0.0	7-23	523	0.0	0.0
				506	5.1559	0.43		538	0.035	0.0001
				511	1.7599	0.56		540	0.084	0.0001
				526	0.0400	0.55		544	0.020	0.0001
				531	0.4799	0.63		547	0.140	0.0002
WATERSHED CONDITIONS: For cropping information, see table, page 61.001-1.				535	3.0000	0.83		548	0.600	0.0002
				543	3.8251	1.34		550	2.215	0.0008
				546	5.0000	1.59		553	1.770	0.0020
				605	0.1263	1.63		556	1.267	0.0025
				626	0.0286	1.64		558	0.843	0.0034
								607	0.065	0.0042
								609	0.151	0.0042
								611	0.462	0.0044
								616	2.569	0.0059
								618	6.517	0.0078
								621	21.543	0.0164
								623	31.587	0.0271
								626	35.327	0.0486
								627	36.356	0.0562
								633	30.015	0.0563
								635	31.035	0.1086
								640	34.763	0.1418
								642	33.704	0.1556
								648	26.917	0.1923
								659	17.085	0.2411
								850	3.321	0.4654
								1012	0.134	0.7984

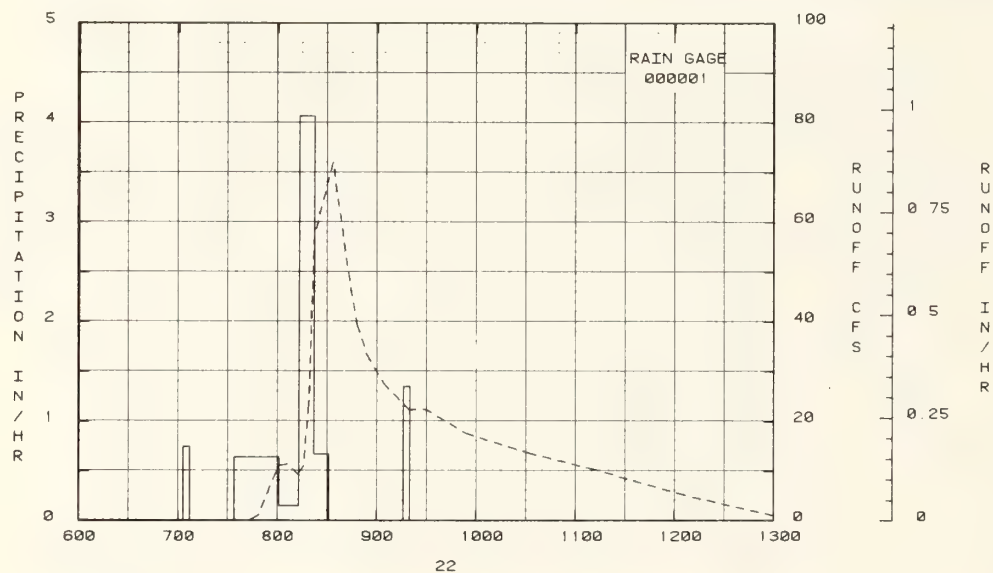
NOTES: To convert runoff in CFS to IN/DAI, multiply by 0.012054.



EVENT CP JULY 23, 1973  
MONTICELLO, ILLINOIS (ALLERTON) WATERSHED 1A

1974 SELECTED RUNCFF EVENT			MONTICELLO, ILLINOIS (ALLESTON)				WATERSHED 1A			
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP JUNE 22, 1974										
RG 000001			RG 000001							
6-22	0.27	0.006	6-22	703	0.0	0.0	6-22	711	0.117	0.0
				707	0.7500	0.05		717	0.211	0.0002
				734	0.0	0.05		727	0.227	0.0006
				801	0.6444	0.34		735	0.187	0.0010
				813	0.1500	0.37		735	0.137	0.0011
WATERSHED CONDITIONS: For cropping information, see table, page 61.001-1.				822	4.0667	0.56		744	0.253	0.0015
				831	0.6667	1.06		749	1.262	0.0021
				916	0.0	1.06		754	5.647	0.0056
				920	1.3499	1.17		801	11.183	0.0175
								806	11.465	0.0289
								812	9.365	0.0415
								816	11.123	0.0456
								819	24.183	0.0604
								822	57.313	0.0851
								833	72.024	0.2265
								844	46.612	0.3600
								848	39.297	0.3546
								854	33.312	0.4365
								904	27.552	0.4955
								919	22.405	0.5754
								929	22.485	0.6206
								954	17.523	0.7214
								1032	13.582	0.6406
								1114	10.070	0.5407

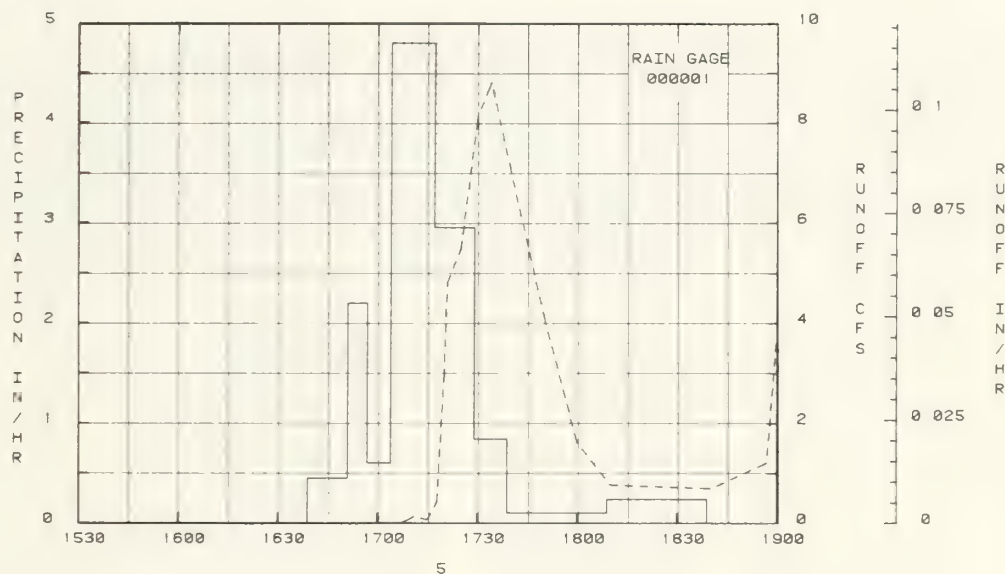
NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.012054.



EVENT CP JUNE 22, 1974  
MONTICELLO, ILLINOIS (ALLESTON) WATERSHED 1A

1975 SELECTED RUNOFF EVENT			MONTICELLO, ILLINOIS (ALLESTON)				WATERSHED 1A			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP AUGUST 5, 1975										
8- 5	RG 000001	0.0	8- 5	1639	0.0	0.0	8- 5	1707	0.0	0.0
	0.0	0.0		1651	0.4501	0.05		1711	0.131	0.0001
				1657	2.2000	0.31		1715	0.059	0.0001
				1704	0.5559	0.38		1718	0.415	0.0003
				1717	4.6000	1.42		1720	2.933	0.0010
WATERSHED CONDITIONS:				1729	2.9500	2.01		1721	4.824	0.0017
For cropping information,				1758	0.8400	2.15		1725	5.486	0.0059
see table, page 61.001-1.				1809	0.1000	2.20		1730	8.153	0.0126
				1839	0.2400	2.32		1734	6.815	0.0196
								1740	6.557	0.0252
								1750	4.110	0.0404
								1800	1.597	0.0461
								1810	0.762	0.0485
								1840	0.666	0.0525
								1857	1.206	0.0561
								1900	3.768	0.0576

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.012054.



EVENT CP AUGUST 5, 1975  
MONTICELLO, ILLINOIS (ALLESTON) WATERSHED 1A



## MONTICELLO, ILLINOIS (ALLESTON) WATERSHED IE

LOCATION: Piatt Co., IL; 5 mi. SW of Monticello, Sangamon River, Illinois River, Mississippi River Basin. Lat. 39 deg. 55 min. 42 sec. N.; Long. 88 deg. 38 min. 45 sec. W.

AREA: 45.50 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)							MONTICELLO, ILLINOIS (ALLESTON)					WATERSHED IE							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1970	P	0.0	0.0	0.14	0.72	0.0	0.29	0.0	0.0	0.0	0.0	0.0	0.0	1.15					
	Q	0.021	0.002	0.000	0.556	0.000	0.655	0.000	0.0	0.001	0.0	0.0	0.0	1.236					
1971	P	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.14	0.0	0.0	0.0	0.0	0.49					
	Q	0.0	1.295	0.001	0.0	0.000	0.0	0.514	0.007	0.005	0.0	0.0	0.001	1.810					
1972	P	0.0	0.0	0.0	0.0	0.0	0.61	0.0	0.15	0.0	0.15	0.0	0.0	0.95					
	Q	0.0	0.003	0.001	0.874	0.001	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.881					
1973	P	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16					
	Q	0.0	0.0	0.565	0.595	0.001	2.753	0.535	0.001	0.000	0.0	0.001	0.0	4.440					
1974	P	0.0	0.13	0.0	0.0	0.16	0.0	0.0	0.0	0.18	0.30	0.40	0.0	1.11					
	Q	0.0	1.161	1.234	0.474	2.739	2.056	0.0	0.008	0.0	0.0	0.038	0.048	7.759					
1975	P	0.0	0.0	0.0	0.0	0.85	0.0	0.0	0.0	0.0	0.04	0.0	0.08	0.97					
	Q	0.900	1.339	0.003	0.002	0.0	0.039	0.011	0.025	0.001	0.000	0.003	0.006	2.329					
STA AV	P	1.26	1.36	1.43	2.38	2.28	2.70	2.36	1.67	1.40	2.17	1.28	1.19	21.48					
	Q	0.148	0.256	0.187	0.344	0.187	0.431	0.170	0.007	0.002	0.151	0.013	0.087	1.984					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1970		6-15	0.722	6-15	0.318	6-15	0.367	6-15	0.430	6-15	0.432	6-15	0.655	6-14	0.655	6-8	0.655		
1971		7-4	0.378	7-4	0.258	2-4	0.416	2-4	0.880	2-4	0.595	2-4	1.011	2-3	1.011	1-28	1.011		
1972		4-15	0.147	4-19	0.134	4-19	0.263	4-19	0.521	4-19	0.595	4-19	0.715	4-20	0.833	4-17	0.866		
1973		5-6	1.212	6-6	0.673	6-6	1.233	6-6	1.799	6-6	2.025	6-6	2.035	6-5	2.040	5-30	2.040		
1974		6-22	0.711	6-22	0.427	5-21	0.534	5-21	1.041	6-22	1.146	6-21	1.188	6-20	1.735	5-14	2.381		
1975		1-10	0.175	1-10	0.132	1-10	0.233	2-22	0.492	2-22	0.726	2-22	0.752	2-22	1.331	2-16	1.339		
MAXIMUMS FOR PERIOD OF RECORD																			
		5-6	1.212	6-6	0.673	6-6	1.233	6-6	1.799	6-6	2.025	6-6	2.035	6-5	2.040	5-14	2.381		
		1973		1973		1973		1973		1973		1973		1973		1974			

NOTES: For general description of Watershed, see Monthly Precipitation and Runoff for Small Agricultural Watersheds in the United States, USDA, AFS, 1957 (Reference No. 1) page 61.2-1. Watershed conditions: The entire area is used for cropping activities except for 1% which is in grass. For percentages of the watershed in various crops, by years, for 1970 through 1975, see table, this page. Data for 1960 through 1965 are included in Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1974, USDA Misc. Pub. 1437, together with contour drainage map on page 61.001-22. Precipitation and runoff records began August 1949. STA AV precipitation and runoff amounts are for 27 yr (1949-75) period, part-year records included. Precipitation values from the F-1 gage, located about 300 ft. west of streamgaging station IE. For daily precipitation values (1970-75) see tables for the F-1 gage starting on page 61.001-2. For long-time precipitation records, see National Weather Service records at Decatur, Illinois.

## CROPS, % BY YEARS WITH PLANTING (P) &amp; HARVEST (H) DATES

Year	Corn	Soybeans
1970		95.0 05-20 TO 06-08 (F) COMPLETED 10-18 (H)
1971	81.6 04-19 TO 05-14 (F) COMPLETED 11-21 (H)	17.4 05-15 TO 05-27 (F) COMPLETED 10-18 (H)
1972	17.4 05-05 TO 05-18 (F) COMPLETED 02-13-73 (H)	81.6 05-17 TO 06-16 (F) COMPLETED 10-20 (H)
1973	81.6 05-04 TO 05-25 (F) COMPLETED 12-02 (H)	17.4 06-01 TO 06-14 (F) COMPLETED 10-10 (H)
1974	17.4 05-06 TO 06-29 (F) COMPLETED 11-28 (H)	81.6 06-16 TO 07-03 (F) COMPLETED 10-28 (H)
1975	81.6 04-21 TO 05-06 (F) 10-24 TO 11-07 (H)	17.4 05-03 TO 05-17 (F) 10-01 TO 10-10 (H)

1970 MEAN DAILY DISCHARGE (cfs) MCINTOSH, ILLINOIS (ALLERTON) WATERFALL LE												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.004	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.033	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
23	0.0	0.0	0.0	0.024	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.135	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0013	0.0001	0.0	0.0355	0.0	0.0418	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.021	0.002	0.000	0.556	0.000	0.655	0.000	0.0	0.001	0.0	0.0	0.0
STA AV	0.134	0.027	0.108	0.324	0.023	0.187	0.151	0.006	0.003	0.214	0.015	0.115

NOTES: To convert CPS to IN/DAY, multiply by 0.523113. STA AV based on 22 yr period (1949-70), part year records included.

1971 MEAN DAILY DISCHARGE (cfs) MCINTOSH, ILLINOIS (ALLERTON) WATERFALL LE												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	1.897	0.0	0.0	0.0	0.0	0.500	0.0	0.0	0.0	0.0	0.0
5	0.0	0.035	0.0	0.0	0.0	0.0	0.001	0.0	0.006	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.013	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.066	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.0	0.0	0.0
19	0.0	0.017	0.0	0.0	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.452	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0864	0.0	0.0	0.0	0.0	0.0317	0.0004	0.0003	0.0	0.0	0.0001
INCHES	0.0	1.295	0.001	0.0	0.000	0.0	0.514	0.007	0.005	0.0	0.0	0.001
STA AV	0.123	0.133	0.099	0.297	0.021	0.171	0.181	0.006	0.003	0.197	0.014	0.110

NOTES: To convert CPS to IN/DAY, multiply by 0.523113. STA AV based on 23 yr period (1949-71), part year records included.

1972 MEAN DAILY DISCHARGE (cfs) MCNTICELEC, ILLINOIS (ALLESTON) WATERSHED 1E												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
15	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.001	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.380	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.001	0.0	0.213	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.065	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0002	0.0001	0.0557	0.0001	0.0	0.0	0.0	0.0001	0.0	0.0	0.0
INCHES	0.0	0.003	0.001	0.874	0.001	0.0	0.0	0.0	0.002	0.0	0.0	0.0
STA AV	0.113	0.123	0.092	0.342	0.019	0.158	0.167	0.006	0.003	0.183	0.013	0.102

NOTES: To convert CFS to IN/DAY, multiply by 0.523113. STA AV based on 24 yr period (1949-70), part year records included.

1973 MEAN DAILY DISCHARGE (cfs) MCNTICELEC, ILLINOIS (ALLESTON) WATERSHED 1E												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	3.855	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.002	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.336	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.118	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.188	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0
14	0.0	0.0	0.155	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0
16	0.0	0.0	0.020	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.030	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	1.154	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.040	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.001	0.256	0.0	0.0	0.068	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.381	0.0	0.0	0.024	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.457	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.015	0.0	0.0	0.528	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.131	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0
26	0.0	0.0	0.0	0.0	0.0	0.154	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.097	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0348	0.0373	0.0	0.1754	0.0330	0.0001	0.0	0.0	0.0001	0.0
INCHES	0.0	0.0	0.565	0.585	0.001	2.753	0.535	0.001	0.000	0.0	0.001	0.0
STA AV	0.105	0.114	0.125	0.359	0.018	0.343	0.153	0.006	0.003	0.171	0.012	0.055

NOTES: To convert CFS to IN/DAY, multiply by 0.523113. STA AV based on 25 yr period (1949-73), part year records included.

1974	MEAN DAILY DISCHARGE (cfs)					PCNTICEILC, ILLINOIS (ALLERTON)				WATFESSEL IL			
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	
4	0.0	0.0	0.056	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.148	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.030	0.0	0.325	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.001	0.133	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.060	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.334	0.0	0.0	0.0	0.0	0.015	0.0	0.0	0.049	0.0	
11	0.0	0.0	0.246	0.0	0.017	0.0	0.0	0.0	0.0	0.0	0.019	0.0	
12	0.0	0.0	1.740	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.350	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.212	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.023	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.536	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.167	0.0	0.0	1.150	0.002	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.140	0.0	0.0	0.255	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	1.741	0.0	0.455	2.068	1.050	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.071	0.0	0.002	0.085	2.272	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0	0.0	0.663	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MEAN	0.0	0.0793	0.0761	0.0302	0.1685	0.1310	0.0	0.0005	0.0	0.0	0.0024	0.0030	
INCHES	0.0	1.161	1.234	0.474	2.735	2.056	0.0	0.008	0.0	0.0	0.038	0.048	
STA AV	0.058	0.184	0.159	0.367	0.195	0.458	0.181	0.006	0.003	0.160	0.013	0.092	

NOTES: To convert CFS to IN/DAY, multiply by 0.523113. STA AV based on 26 yr period (1948-74), part year records included.

1975	MEAN DAILY DISCHARGE (cfs)					PCNTICEILC, ILLINOIS (ALLERTON)				WATFESSEL IL			
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.046	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	1.145	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.011	
16	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.0	0.002	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	1.432	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.804	0.0	0.0	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0	
24	0.002	0.315	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
25	0.134	0.0	0.0	0.002	0.0	0.075	0.0	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.062	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
29	0.347	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	
30	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MEAN	0.0555	0.0914	0.0002	0.0001	0.0	0.0025	0.0007	0.0015	0.0001	0.0	0.0002	0.0004	
INCHES	0.900	1.339	0.003	0.002	0.0	0.039	0.011	0.025	0.001	0.000	0.003	0.006	
STA AV	0.148	0.256	0.187	0.344	0.187	0.451	0.170	0.007	0.002	0.151	0.013	0.067	

NOTES: To convert CFS to IN/DAY, multiply by 0.523113. STA AV based on 27 yr period (1949-75), part year records included.



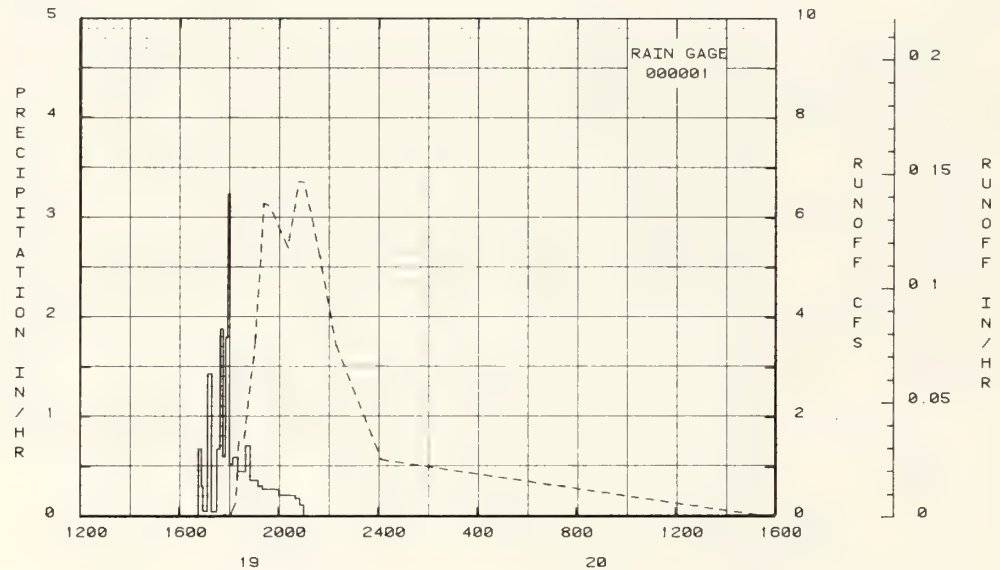




1972	SELECTED RUNOFF EVENT			MONTICELLO, ILLINOIS (ALLERTON)			WATERSHED 1E			
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF APRIL 19 - 20, 1972										
4-19	RG 000001 0.05	0.0	4-19	RG 000001 1646	0.0	0.0	4-19	1634	0.0	0.0
				1653	0.6857	0.08		1653	0.0	0.0
				1657	0.3000	0.10		1713	0.005	0.0000
				1708	0.0545	0.11		1726	0.008	0.0001
				1718	1.4400	0.35		1745	0.028	0.0002
WATERSHED CONDITIONS: For cropping information, see table, page 61.002-1.				1731	0.0462	0.36		1752	0.058	0.0003
				1738	0.6857	0.44		1805	0.065	0.0006
				1745	1.8857	0.66		1817	0.289	0.0013
				1751	0.6000	0.72		1824	1.522	0.0036
				1756	1.8000	0.67		1837	1.585	0.0110
				1801	3.2400	1.14		1903	3.524	0.0351
				1809	0.5250	1.21		1923	6.265	0.0708
				1821	0.6000	1.33		1935	6.237	0.0981
				1841	0.4500	1.48		2021	5.350	0.1952
				1851	0.7200	1.60		2047	6.727	0.2524
				1911	0.3600	1.72		2100	6.701	0.2841
				1921	0.3000	1.77		2135	5.156	0.3681
				1941	0.2700	1.66		2218	3.428	0.4289
				2001	0.2700	1.55		2400	1.307	0.5167
				2021	0.2100	2.02	4-20	8	1.141	0.5202
				2041	0.2100	2.05		1549	0.0	0.7152
				2051	0.1600	2.12				
				2101	0.1200	2.14				

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.021756.

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.021756.



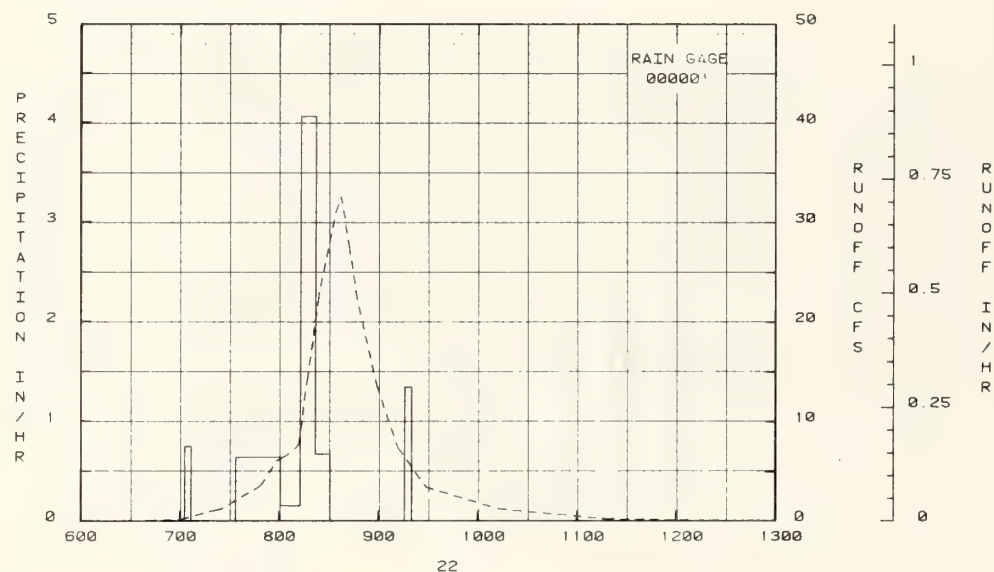
EVENT OF APRIL 19 - 20, 1972  
MONTICELLO, ILLINOIS (ALLERTON) WATERSHED 1E

1973 SELECTED FURCFF EVENT			MONTICELLO, ILLINOIS (ALLERTON)				WATERSHED 1B			
ANTECEDENT CONDITIONS			RAINFALL			FURCFF				
Date	Rainfall	Furcfff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP APRIL 20 - 21, 1973										
4-20	RG 000001	0.002	4-20	5G 000001	2055	0.0	4-20	2140	0.025	0.0
				2115	0.4500	0.15		2147	0.094	0.0002
				2125	0.1500	0.20		2153	0.111	0.0004
				2205	0.0400	0.22		2158	0.063	0.0005
				2213	0.2250	0.25		2203	0.107	0.0007
WATERSHED CONDITIONS:					2235	0.3273	0.37	2212	0.261	0.0013
For cropping information,					2400	0.0	0.37	2219	1.776	0.0039
see table, page 61.002-1.								2225	2.211	0.0082
								2237	2.475	0.0184
								2250	2.364	0.0299
								2305	2.635	0.0435
								2313	3.518	0.0524
								2325	4.450	0.0698
								2341	4.445	0.0557
								2400	6.072	0.1320
							4-21	25	8.563	0.1984
								30	8.803	0.2142
								35	8.456	0.2299
								40	7.330	0.2442
								58	3.363	0.2792
								135	1.154	0.3058
								215	0.482	0.3220
								300	0.205	0.3276
								350	0.075	0.3302



1974 SELECTED RUNOFF EVENT			MONTICELLO, ILLINOIS (ALLESTON)				WATERSHED 1B			
ANTECEDENT CONDITIONS			RAINFALL				FURCFF			
Date	Rainfall	Furcfff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 22, 1974										
6-22	RG 000001	0.002	6-22	EG 000001			6-22			
	0.27			703	0.0	0.0		641	0.040	0.0
				707	0.7500	0.05		701	0.223	0.0010
				734	0.0	0.05		726	1.306	0.0079
				801	0.6444	0.34		749	3.571	0.0263
				813	0.1500	0.37		759	6.132	0.0459
WATERSHED CONDITIONS: For cropping information, see table, page 61.002-1.				822	4.0667	0.56		806	6.771	0.0623
				831	0.6667	1.06		812	7.733	0.0761
				816	0.0	1.06		817	14.259	0.0961
				920	1.3499	1.17		824	22.929	0.1454
								834	31.105	0.2435
								837	32.632	0.2762
								842	27.535	0.3325
								847	22.155	0.3781
								859	13.458	0.4559
								912	7.276	0.5049
								929	3.365	0.5378
								1013	1.198	0.5742

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.021756.

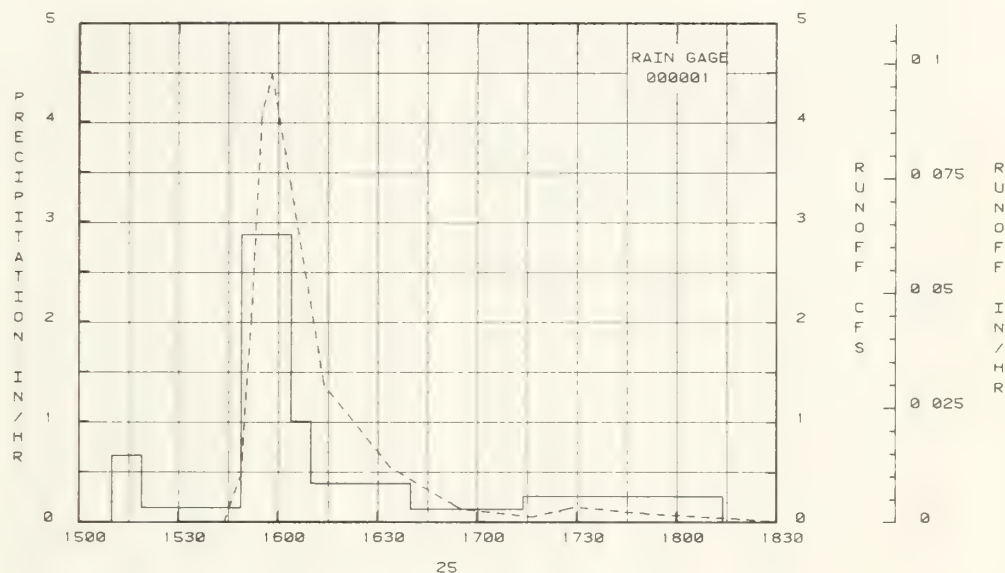


EVENT OF JUNE 22, 1974  
MONTICELLO, ILLINOIS (ALLESTON) WATERSHED 1B

1975 SELECTED RUNOFF EVENT			MONTICELLO, ILLINOIS (ALLERTON)				WATERSHED 1E			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	or Day	(cfs)	(inches)
EVENT CP JUNE 25, 1975										
6-25	SG 000001	0.0	6-25	1510	0.0	0.0	6-25	1544	0.0	0.0
				1515	0.6667	0.10		1549	0.466	0.0004
				1545	0.1400	0.17		1552	2.017	0.0018
				1604	2.8000	0.89		1555	4.078	0.0051
				1610	1.0001	0.99		1558	4.464	0.0058
				1640	0.3000	1.18		1604	3.314	0.0183
				1714	0.1235	1.25		1614	1.365	0.0266
				1814	0.2600	1.51		1634	0.542	0.0337
								1655	0.134	0.0363
								1716	0.051	0.0370
								1725	0.152	0.0375
								1752	0.076	0.0364
								1815	0.029	0.0389

WATERSHED CONDITIONS:  
For cropping information,  
see table, page 61.002-1.

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.021756.



EVENT CP JUNE 25, 1975  
MONTICELLO, ILLINOIS (ALLERTON) WATERSHED 1E

## TOMBSTONE, ARIZONA WATERSHED W-1

LOCATION: Cochise County, Arizona; 5.6 miles W of Tombstone; Walnut Gulch, San Pedro River, Gila River, Colorado River Basin. Lat. 31 deg. 44 min. 45 sec. N.; Long. 110 deg. 05 min. 10 sec. W.

AREA: 26900.00 acres 57.66 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														TOMBSTONE, ARIZONA WATERSHED W-1													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	0.50	0.02	0.45	0.36	0.03	0.0	4.41	0.72	2.63	0.02	0.38	0.26	5.78													
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.051	0.000	0.073	0.0	0.0	0.0	0.163													
STA AV	P	0.40	0.46	0.75	0.18	0.12	0.37	3.41	3.07	1.34	0.79	0.31	0.44	11.62													
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.034	0.066	0.014	0.0	0.0	0.0	0.114													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				6 Hours		12 Hours		1 Day		2 Days		8 Days							
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.						
1975		7-17	0.056	7-17	0.047	7-17	0.071	7-17	0.077	7-17	0.077	7-16	0.077	7-15	0.077	7-9	0.077	7-9	0.087								
MAXIMUMS FOR PERIOD OF RECORD																											
		8-12	0.163	8-12	0.092	9-5	0.130	5-9	0.160	9-9	0.150	9-9	0.150	9-8	0.230	9-8	0.310										
1972				1972		1964		1964		1964		1964		1964		1964											

NOTES: Watershed Conditions: 65% of area in desert shrubs (whitethorn, creosotebush and tarbush) with 25% cover and 2% grass cover. 35% is grassland with approximately 20% grass cover (crown spread) and 5% shrub cover. For topography, geological and vegetation maps, see pages 63.1-3, 63.1-4, and 63.1-5, respectively, of Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226. Precipitation data: records began January 1954. Monthly totals are Thiessen weighted averages of 50 gages. Station averages are based on 1968-75 data. Runoff Data: Records began April 1964, station averages are based on 1966, 1968-75 data. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

1975 DAILY AIR TEMPERATURE (degrees F)														TOMBSTONE, ARIZONA WATERSHED W-1											
Day	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec		
	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	
1	40	32	56	35	79	47	61	41	76	46	94	63	56	68	57	66	95	71	78	57	65	38	55	25	
2	44	30	60	39	76	44	65	31	76	45	97	63	89	64	56	70	93	64	80	56	72	41	67	35	
3	48	23	59	38	76	45	77	42	81	47	94	64	90	65	100	69	92	62	82	55	77	48	68	42	
4	59	27	54	31	73	45	74	48	78	48	88	65	91	64	98	71	89	64	84	56	75	53	64	40	
5	59	30	57	32	73	45	76	43	68	50	91	58	92	66	94	70	75	62	80	58	82	52	64	36	
6	67	36	61	35	69	49	63	52	68	35	79	63	92	64	94	70	68	63	87	59	78	54	64	40	
7	60	40	64	40	75	44	46	32	76	35	87	60	90	66	56	66	79	64	75	59	75	50	68	35	
8	64	36	64	43	69	44	53	28	79	44	89	62	87	63	55	70	83	61	82	51	80	50	71	42	
9	46	37	66	38	63	40	61	34	83	45	89	62	54	67	57	64	88	62	84	54	76	48	70	43	
10	50	28	61	40	65	41	61	34	88	58	89	61	94	68	96	68	91	64	85	58	79	49	74	47	
11	48	31	61	36	49	37	66	38	85	54	93	59	96	68	92	67	89	63	88	61	73	44	67	43	
12	45	22	67	37	48	34	60	35	85	59	95	61	83	66	88	66	78	65	83	59	68	44	63	44	
13	63	28	74	43	57	31	64	47	88	58	97	68	83	64	91	63	79	60	76	47	65	36	55	40	
14	68	36	57	47	63	38	74	43	91	56	98	65	91	66	50	66	83	60	73	41	75	50	48	34	
15	73	43	54	37	55	30	79	48	89	60	97	66	95	68	51	63	88	64	73	43	77	46	52	22	
16	67	45	60	29	69	32	78	52	80	63	94	67	91	67	97	67	89	63	81	47	80	44	58	36	
17	65	41	49	33	58	36	63	52	78	54	51	63	84	65	97	67	92	60	84	50	74	49	64	41	
18	72	38	52	25	72	34	57	33	78	50	85	61	86	62	57	68	91	64	85	57	60	51	59	39	
19	64	42	61	27	76	44	73	37	80	52	85	59	89	67	86	65	92	65	75	57	56	29	60	36	
20	68	34	65	35	66	45	81	42	78	54	86	62	92	65	85	63	94	65	78	59	62	32	57	44	
21	67	40	53	44	70	53	84	52	75	53	87	56	94	65	90	61	91	62	67	52	65	40	52	46	
22	49	31	43	19	70	44	73	56	72	45	90	59	90	65	92	66	75	60	76	45	56	31	57	45	
23	52	26	55	23	60	38	78	47	78	45	94	60	87	64	53	66	77	53	70	53	61	32	50	41	
24	66	34	68	31	75	35	82	46	84	50	95	60	88	65	94	67	79	51	72	40	64	35	50	36	
25	74	36	71	43	76	45	80	52	89	54	92	59	88	63	96	68	81	54	76	41	68	37	56	30	
26	75	45	70	37	51	49	73	57	90	58	94	60	88	64	93	68	84	56	80	46	62	34	57	32	
27	62	52	72	35	51	28	64	35	85	60	97	64	84	67	93	66	88	56	80	50	63	44	62	33	
28	65	47	76	42	40	34	73	39	82	56	98	66	91	65	95	65	89	56	79	51	54	51	56	35	
29	45	44			51	33	73	42	77	56	98	66	82	68	96	65	87	58	81	53	40	32	46	26	
30	54	47			55	33	77	42	81	48	101	64	88	65	97	66	80	61	84	59	51	25	56	27	
31	52	44			66	38			88	54			92	65	98	70			66	52			50	37	
AV.	59	36	61	36	64	40	70	43	81	52	92	62	90	66	94	67	85	61	80	52	68	43	55	38	
MEAN	47.9		48.4		52.2		56.3		66.5		77.2		77.6		80.5		73.2		66.0		55.4		48.6		
STA AV	59	35	61	37	67	41	75	45	84	53	92	62	93	67	89	65	86	60	78	52	67	43	59	37	

NOTES: STA AV values are based on 12 yr (1964-1975) record period.

1975 DAILY PRECIPITATION (inches) TOMBSTONE, ARIZONA WATERSHED W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.05E	0.0	0.0	0.0	0.0	0.0	0.13E	0.0	0.13E	0.0	0.0	0.0
2	0.0	0.01	0.0	0.0	0.0	0.0	0.01	0.0	0.03	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.03E	0.0	0.20E	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.26E	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.35E	0.0	0.32E	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0 M	0.0	0.0 E	0.09E	0.0	0.30E	0.0	0.0	0.0
7	0.0	0.0	0.0	0.13M	0.0	0.0	0.34E	0.0	0.41E	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.12E	0.11E	0.11E	0.0	0.0	0.0
9	0.04E	0.0	0.01E	0.20E	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.04E	0.0	0.0	0.0	0.0
11	0.0	0.0	0.07M	0.0	0.0	0.0	0.06E	0.0	0.01	0.0	0.0	0.0
12	0.0	0.0	0.06M	0.0	0.0	0.0	0.54E	0.07E	0.07	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01E	0.79	0.0	0.0	0.0
14	0.0	0.0	0.07M	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.95E	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.33E	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.03E	0.01	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.03E	0.0	0.01	0.0	0.0
21	0.0	0.01E	0.0	0.0	0.0	0.0	0.37E	0.0	0.0	0.02E	0.0	0.12E
22	0.0	0.0	0.0	0.0	0.0	0.0	0.53E	0.22E	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.35E	0.22E	0.0	0.0	0.0	0.13E
24	0.0	0.0	0.0	0.0	0.0	0.0	0.21E	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.15S	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0 E	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.09M	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.25M	0.0
29	0.39E		0.0 M	0.0	0.03E	0.0	0.12	0.0	0.0	0.0	0.13M	0.0
30	0.02E		0.0	0.0	0.0	0.0	0.01	0.0	0.01	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.01S
TOTAL	0.50	0.02	0.45	0.36	0.03	0.0	4.41	0.72	2.63	0.02	0.38	0.26
STA AV	0.40	0.46	0.75	0.18	0.12	0.37	3.41	3.07	1.34	0.79	0.31	0.44

NOTES: Data are Thiessen weighted averages of values from 50 gages. STA AV are for 8 yr only (1968-75).

1975 MEAN DAILY DISCHARGE (cfs) TOMBSTONE, ARIZONA WATERSHED W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.15	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	12.84	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.41	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	15.17E	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	92.82	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.83	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	119.26E	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	4.71	0.08	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	1.35E	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	4.532E	0.0026	3.7582	0.0	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	0.091	0.000	0.073	0.0	0.0	0.0
STA AV	0.0	0.0	0.0	0.0	0.0	0.0	0.034	0.066	0.014	0.0	0.0	0.0

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.000645. STA AV are for 9 yr only (1966, 1968-75). Previously published data are being reevaluated.



1975 SELECTED RUNOFF EVENT			TUMESTONE, ARIZONA WATERSHED W-1							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 13 - 14, 1975										
RG 000071			RG 000071							
9-13	0.0	0.0	9-13	1600	0.0	0.0	9-13	1613	0.0	0.0
				1602	0.6000	0.02		1616	0.400	0.0
				1604	1.2000	0.06		1621	2.513	0.0
				1607	3.2000	0.22		1624	8.704	0.0000
				1611	3.0000	0.42		1626	37.556	0.0000
WATERSHED CONDITIONS: 65% of area in desert shrubs (Whitethorn, creosotebush and tarbush) with 23% cover and 2% grass cover. 35% is in grassland with approximately 20% grass cover (crown spread) and 5% shrub cover.				1613	7.4584	0.67		1629	71.275	0.0001
				1617	3.7500	0.92		1632	74.440	0.0002
				1620	1.0000	0.97		1635	79.443	0.0003
				1622	1.5000	1.02		1637	64.363	0.0004
				1624	4.2000	1.16		1642	52.953	0.0005
				1626	1.2000	1.20		1646	45.535	0.0006
				1630	1.8000	1.32		1647	44.411	0.0006
				1634	0.3000	1.34		1651	54.058	0.0007
				1637	0.4000	1.36		1655	59.001	0.0008
				1642	0.0	1.36		1657	51.070	0.0008
				1647	0.1200	1.37		1700	45.215	0.0005
				2046	0.0	1.37		1703	55.169	0.0010
				2105	0.0316	1.38		1707	61.901	0.0011
				2118	0.0462	1.39		1713	61.062	0.0013
				2138	0.0	1.39		1714	65.002	0.0013
				2201	0.0261	1.40		1720	56.551	0.0015
								1723	47.675	0.0016
								1727	33.581	0.0017
								1731	30.646	0.0017
								1736	25.358	0.0018
								1737	23.847	0.0018
								1738	23.158	0.0018
								1743	21.208	0.0018
								1747	16.878	0.0019
								1748	125.730	0.0019
								1749	599.324	0.0021
								1752	567.020	0.0031
								1755	1145.948	0.0045
								1800	1451.304	0.0075
								1801	1676.272	0.0082
								1803	1831.255	0.0098
								1807	1731.458	0.0130
								1810	1573.310	0.0152
								1811	1542.000	0.0159
								1816	1452.396	0.0193
								1817	1450.124	0.0159
								1818	1442.604	0.0206
								1822	1355.836	0.0231
								1825	1333.414	0.0250
								1827	1274.544	0.0261
								1832	1157.331	0.0288
								1835	1056.403	0.0304
								1840	1077.101	0.0328
								1842	953.538	0.0337
								1847	515.159	0.0359
								1853	827.146	0.0382
								1857	695.687	0.0396
								1902	600.000	0.0410
								1905	539.080	0.0418
								1907	475.806	0.0422
								1912	409.214	0.0432
								1917	352.755	0.0441
								1921	310.766	0.0447
								1925	276.967	0.0452
								1931	248.228	0.0455
								1936	232.706	0.0465
								1939	232.706	0.0468
								1942	244.085	0.0471
								1947	255.354	0.0476
								1950	254.068	0.0480
								1951	259.556	0.0481
								1955	254.068	0.0486
								2001	245.477	0.0492
								2004	248.228	0.0496
								2010	246.982	0.0502

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000265.



## TOMBSTONE, ARIZONA WATERSHED W-2

LOCATION: Cochise County, Arizona; 2-3/4 miles NW of Tombstone, Walnut Gulch, San Pedro River, Gila River, Colorado River Basin. Lat. 31 deg. 44 min. 05 sec. N.; Long. 110 deg. 05 min. 55 sec. W.

AREA: 28100.00 acres 43.90 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										TOMBSTONE, ARIZONA WATERSHED W-2									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	0.56	0.02	0.45	0.38	0.03	0.0	4.71	0.72	2.55	0.03	0.38	0.26	10.43					
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.154	0.003	0.131	0.000	0.0	0.0	0.288					
STA AV	P	0.41	0.48	0.73	0.18	0.12	0.37	3.42	3.02	1.40	0.81	0.33	0.44	11.70					
	Q	0.0	0.0	0.0	0.0	0.0	0.001	0.060	0.076	0.027	0.001	0.0	0.0	0.164					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-17	0.127	7-17	0.071	7-17	0.105	7-17	0.113	7-17	0.114	7-17	0.114	7-16	0.114	7-13	0.134		
MAXIMUMS FOR PERIOD OF RECORD																			
		7-26	0.160	7-26	0.130	7-26	0.170	7-26	0.210	9-9	0.240	9-9	0.240	9-9	0.240	9-9	0.430		
		1959		1959		1969		1959		1964		1964		1964		1964			

NOTES: Watershed Conditions: 55% of area in oak woodland and desert shrubs (whitethorn, creosotebush, tarbush and muttonia), with a 25% crown spread cover. 45% of area supports grass (black grama, curly mesquite, tobosa, blue grama and sideoats grama), with a basal area of 2.5%, and a shrub cover of approximately 6% crown spread. For topographic, geological and vegetation maps, see pages 63.1-3, 63.1-4, and 63.1-5, respectively of Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226. Precipitation Data: Records began January 1954. Monthly totals are Thiessen weighted averages from 69 gages, station averages are for 8 yr only (1968-75). Runoff Data: Records began July 1959, station averages are based on 1966, 1968-75 data. Temperature Data: See table of daily maximum and minimum value included for Watershed 63.001. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

1975 DAILY PRECIPITATION (inches)														TOMBSTONE, ARIZONA WATERSHED W-2													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.04E	0.0	0.0	0.0	0.0	0.0	0.0	0.14E	0.0	0.14E	0.0	0.0	0.0														
2	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.04	0.0	0.0	0.0														
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03E	0.0	0.22E	0.0	0.0	0.0														
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.30E	0.0	0.0	0.0														
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31E	0.0	0.42E	0.0	0.0	0.0														
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0 E	0.05E	0.0	0.28E	0.0	0.0	0.0														
7	0.0	0.0	0.0	0.14E	0.0	0.0	0.0	0.32E	0.0	0.47E	0.0	0.0	0.0														
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13E	0.11E	0.15E	0.0	0.0	0.0														
9	0.04E	0.0	0.01E	0.21E	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.0														
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 E	0.02E	0.0	0.0	0.0	0.0														
11	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.09E	0.0	0.01	0.0	0.0	0.0														
12	0.0	0.0	0.06E	0.0	0.0	0.0	0.0	0.54E	0.06E	0.07	0.0	0.0	0.0														
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.01E	0.85	0.0	0.0	0.0														
14	0.0	0.0	0.06E	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0														
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.06E	0.0	0.0	0.0	0.0	0.0														
18	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.0														
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03E	0.0 T	0.0	0.0	0.0	0.0														
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.03E	0.0	0.0 T	0.0	0.0														
21	0.0	0.01E	0.0	0.0	0.0	0.0	0.0	0.43E	0.0	0.0	0.03	0.0	0.12E														
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.61E	0.26E	0.0	0.0	0.0	0.0														
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.41E	0.21E	0.0	0.0	0.0	0.13E														
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.22E	0.0	0.0	0.0	0.0	0.0														
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0	0.0	0.0														
26	0.0	0.0	0.16E	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0														
27	0.0	0.0	0.0 E	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0														
28	0.0	0.0	0.09E	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.27E														
29	0.40E		0.0 E	0.0	0.03	0.0	0.0	0.13	0.0	0.0	0.0	0.11E	0.0														
30	0.02E		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0														
31	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E														
TOTAL	0.50	0.02	0.45	0.36	0.03	0.0	4.71	0.72	2.95	0.03	0.38	0.26															
STA AV	0.41	0.48	0.73	0.18	0.12	0.37	3.42	3.02	1.40	0.81	0.33	0.44															

NOTES: Data are Thiessen weighted averages of values from 69 gages. STA AV are for 8 yr only (1968-75).

1975 MEAN DAILY DISCHARGE (cfs) TOMBSTONE, ARIZONA WATERSHED W-2												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.04	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.04	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.04	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.84E	0.01	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.00E	0.02	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.02	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.79	0.03	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.28E	0.02	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.00	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.01	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	23.85	0.0	0.05	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	108.38E	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.37E	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	134.03E	0.0	0.09	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.07	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.06	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.05	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.06	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	18.95	2.66	0.11	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	1.58	0.61	0.11	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	2.63	0.0	0.11	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.11	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.10	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.07	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.03E	0.0	0.03	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	5.8574	0.1056	5.1566	0.0075	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	0.154	0.003	0.131	0.000	0.0	0.0
STA AV	0.0	0.0	0.0	0.0	0.0	0.001	0.060	0.076	0.027	0.001	0.0	0.0

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.000847. STA AV are based on 1966, 1968-75 data.

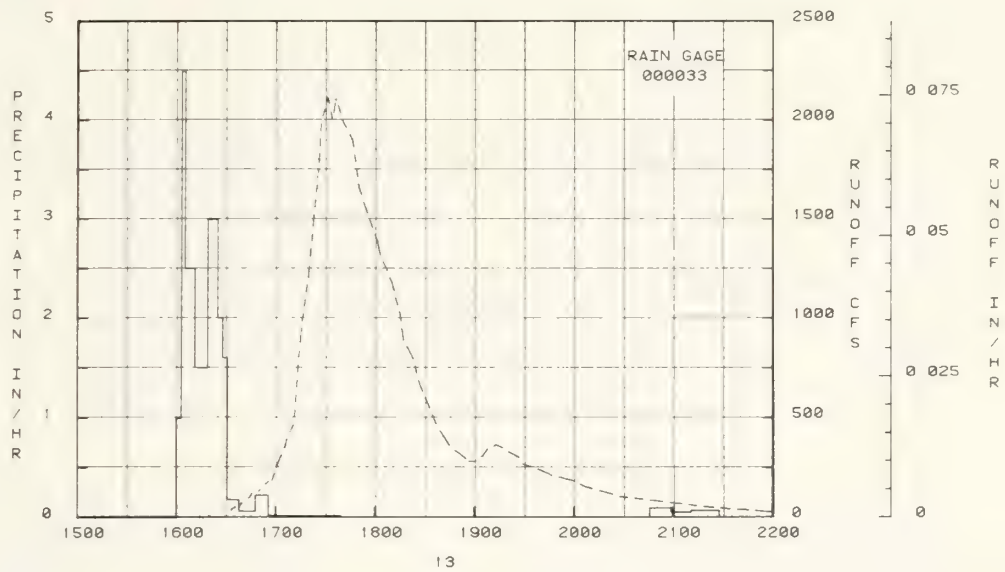
1975 SELECTED RUNOFF EVENT TOMBSTONE, ARIZONA WATERSHED W-2												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF SEPTEMBER 13 - 14, 1975												
9-13	0.0	0.0	9-13	1600	0.0	0.0	9-13	1600	0.045	0.0		
				1603	1.0000	0.05		1604	0.064	0.0		
				1605	4.5000	0.20		1607	0.132	0.0		
				1611	2.5000	0.45		1611	0.384	0.0		
				1615	1.5000	0.55		1614	0.554	0.0		
				1619	1.5000	0.65		1617	0.545	0.0		
				1622	3.0000	0.80		1622	0.457	0.0		
				1625	3.0000	0.95		1625	0.729	0.0		
				1628	2.0000	1.05		1627	0.930	0.0		
				1631	1.6000	1.13		1631	1.012	0.0		
				1638	0.1714	1.15		1634	44.352	0.0000		
				1648	0.0600	1.16		1636	51.544	0.0001		
				1656	0.2250	1.15		1638	51.378	0.0002		
				1739	0.0140	1.20		1640	75.511	0.0002		
				2046	0.0	1.20		1644	97.616	0.0004		
				2059	0.0923	1.22		1646	121.697	0.0006		
				2111	0.0500	1.23		1650	130.964	0.0009		
				2128	0.0706	1.25		1651	141.264	0.0009		
								1654	166.347	0.0012		
								1656	182.156	0.0014		
								1658	185.355	0.0016		
								1702	279.720	0.0022		
								1706	362.753	0.0029		
								1707	352.922	0.0032		
								1711	466.423	0.0042		
								1715	510.952	0.0058		
								1720	1238.028	0.0065		
								1723	1524.079	0.0114		
								1726	1755.251	0.0143		
								1727	1562.868	0.0154		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000353.



1975 SELECTED RUNOFF EVENT			TOMBSTONE, ARIZONA WATERSHED W-2							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF SEPTEMBER 13 - 14, 1975 (CONTINUED)										
9-13							1731	2115.637	0.0202	
							1734	1559.958	0.0235	
							1736	2107.593	0.0263	
							1740	1551.552	0.0311	
							1746	1858.353	0.0380	
							1750	1657.758	0.0422	
							1755	1527.051	0.0466	
							1801	1365.779	0.0520	
							1803	1318.221	0.0536	
							1807	1238.914	0.0566	
							1810	1175.114	0.0587	
							1815	1020.666	0.0620	
							1817	888.808	0.0631	
							1823	754.231	0.0660	
							1827	665.496	0.0678	
							1833	546.740	0.0695	
							1837	467.007	0.0711	
							1841	411.820	0.0721	
							1845	360.220	0.0730	
							1850	322.959	0.0740	
							1855	252.656	0.0749	
							1857	279.281	0.0753	
							1901	278.843	0.0759	
							1905	309.216	0.0766	
							1908	343.021	0.0772	
							1913	364.344	0.0783	
							1917	347.523	0.0751	
							1922	321.521	0.0801	
							1927	258.115	0.0810	
							1930	262.864	0.0815	
							1940	234.253	0.0829	
							1947	207.612	0.0836	
							2000	162.156	0.0853	
							2007	151.425	0.0860	
							2016	131.828	0.0868	
							2024	114.167	0.0874	
							2028	101.462	0.0876	
							2042	89.106	0.0884	
							2050	81.921	0.0888	
							2054	75.713	0.0890	
							2101	70.000	0.0893	
							2110	62.368	0.0896	
							2120	51.378	0.0900	
							2130	43.785	0.0902	
							2141	35.867	0.0905	
							2152	25.829	0.0907	
							2202	24.552	0.0909	
							2218	19.907	0.0911	
							2234	17.005	0.0912	
							2247	14.545	0.0914	
							2300	13.020	0.0915	
							2317	5.878	0.0916	
							2327	7.919	0.0916	
							2340	6.152	0.0917	
							2353	4.707	0.0917	
9-14							2400	4.028	0.0917	
							17	3.365	0.0918	
							32	2.975	0.0918	
							46	2.552	0.0918	
							100	2.236	0.0919	
							114	1.780	0.0919	
							127	1.422	0.0919	
							144	1.246	0.0919	
							203	0.965	0.0919	
							221	0.821	0.0919	
							240	0.652	0.0919	
							302	0.504	0.0919	
							315	0.384	0.0919	
							324	0.255	0.0919	
							331	0.253	0.0919	
							730	0.164	0.0920	
							1100	0.144	0.0920	
							1200	0.164	0.0920	
							1800	0.164	0.0920	
							2400	0.164	0.0921	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000353.



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EVENT OF SEPTEMBER 13 - 14, 1975  
TOMBSTONE, ARIZONA WATERBED W-2

TCMBSTONE, ARIZONA WATERSHED W-3

LOCATION: Cochise County; 1.3 miles north of Tombstone; tributary of Walnut Gulch; San Pedro River, Gila River, Colorado River Basin. Lat. 31 deg. 43 min. 57 sec. N.; Long. 110 deg. 03 min. 25 sec. W.

AREA: 2220.00 acres 3.47 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										TOMBSTONE, ARIZONA WATERSHED W-3					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	0.45	0.04	0.36	0.33	0.04	0.0	4.02	0.86	3.29	0.01	0.34	0.20	5.54	
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.302	0.0	0.178	0.0	0.0	0.0	0.480	
STA AV	P	0.51	0.37	0.50	0.14	0.08	0.30	3.41	2.90	1.39	0.63	0.40	0.67	11.30	
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.099	0.033	0.001	0.0	0.0	0.173	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-17	0.373	7-17	0.238	7-17	0.275	7-17	0.287	7-17	0.287	7-16	0.287	7-15	0.287
MAXIMUMS FOR PERIOD OF RECORD															
		8-16	0.580	8-10	0.275	8-10	0.312	8-11	0.320	8-11	0.320	8-10	0.320	8-10	0.426
		1958		1971		1971		1971		1971		1971		1971	

NOTES: Watershed conditions: Vegetative cover; Desert shrubs (whitethorn, creosotebush, and tarbush) with a crown spread approximately 30% and grasses with basal area of approximately 0.8% cover occupy 55% of the area. Grasses (black grama, curly mesquite, tobosa) with basal area of 2.6% cover and shrub cover of 2% occupy the remaining 45% of the area. For topography, geologic and vegetation maps, see pages 63.1-3, 63.1-4 and 63.1-5 of Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. No. 1226. Precipitation Data: Records began 1955. Monthly totals are Thiessen weighted averages of 13 gages, station averages are based on record period (1955-75). Runoff Data: Records began 1958, station averages are based on record period (1958-75). Temperature Data: See table of daily maximum and minimum values included for Watershed 63.001. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

1975 DAILY PRECIPITATION (inches)													TCMBSTONE, ARIZONA WATERSHED W-3	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.04E	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.03E	0.0	0.0	0.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.37	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31E	0.0	0.44	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.24	0.0	0.0		
7	0.0	0.0	0.0	0.10M	0.0	0.0	0.0	0.33E	0.0	0.35	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1E	0.06	0.04	0.0	0.0		
9	0.03E	0.0	0.02	0.1E	0.0	0.0	0.0	0.0	0.05E	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.07E	0.0	0.0	0.0		
11	0.0	0.0	0.06M	0.0	0.0	0.0	0.0	0.14E	0.0	0.0	0.0	0.0		
12	0.0	0.0	0.05M	0.0	0.0	0.0	0.0	0.60E	0.04E	0.01	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	1.14	0.0	0.0		
14	0.0	0.0	0.05E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.33	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.05E	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0		
21	0.0	0.04E	0.0	0.0	0.0	0.0	0.0	0.32E	0.0	0.0	0.01	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21E	0.50	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.23E	0.07	0.0	0.0	0.05E		
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.11S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.07M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.25E	0.0		
29	0.35	0.0	0.0	0.0	0.04	0.0	0.0	0.0E	0.0	0.0	0.09M	0.0		
30	0.03E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	0.45	0.04	0.36	0.33	0.04	0.0	4.02	0.86	3.29	0.01	0.34	0.20		
STA AV	0.51	0.37	0.50	0.14	0.08	0.30	3.41	2.90	1.39	0.63	0.40	0.67		

NOTES: Data are Thiessen weighted averages from 13 rain gages. STA AV are based on record period (1955-75).

1975 MEAN DAILY DISCHARGE (cfs) TOMBSTONE, ARIZONA WATERSHED W-3												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00E	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.923E	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.695	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.460E	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	1.465E	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.482E	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	26.746E	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.5100	0.0	0.5522	0.0	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	0.302	0.0	0.178	0.0	0.0	0.0
STA AV	0.0	0.0	0.0	0.0	0.0	0.0	0.040	0.099	0.033	0.001	0.0	0.0

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.010722. STA AV based on record period (1958-75).

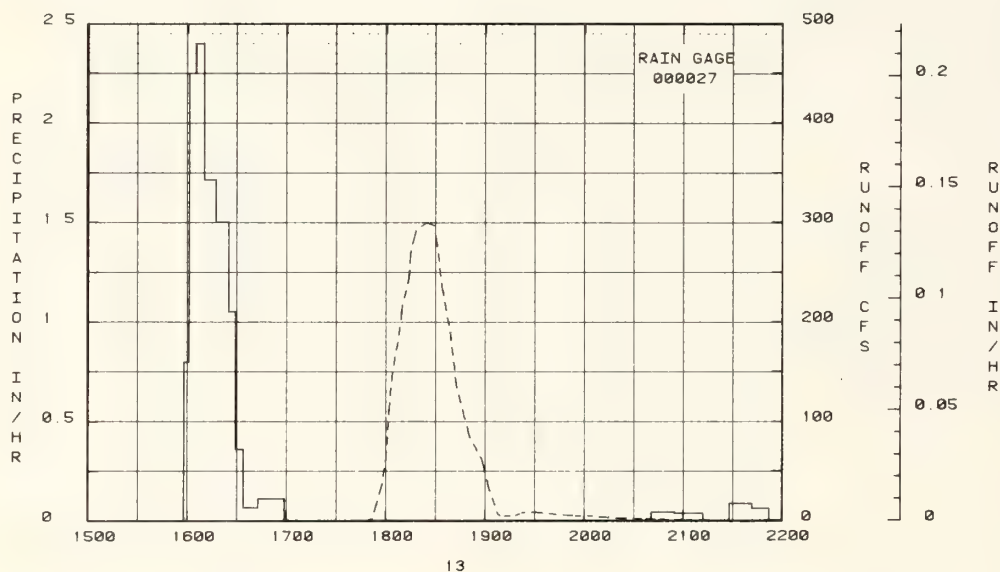
1975 SELECTED RUNOFF EVENT TOMBSTONE, ARIZONA WATERSHED W-3										
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 13 - 14, 1975										
RG 000017			RG 000027							
9-13	0.0	0.0	9-13	1558	0.0	0.0	9-13	1748	0.0	0.0
				1601	0.8000	0.04		1752	1.954	0.0000
				1605	2.2500	0.15		1755	19.774	0.0003
				1610	2.4000	0.35		1758	37.576	0.0009
				1617	1.7143	0.59		1800	62.055	0.0016
WATERSHED CONDITIONS:				1621	1.5000	0.65		1802	111.188	0.0029
Vegetative Cover: Desert				1625	1.5000	0.75		1804	149.855	0.0049
shrubs (whitethorn, creosote-				1629	1.0500	0.86		1808	167.401	0.0055
bush, and tartush) with				1634	0.3600	0.89		1810	216.070	0.0129
a crown spread approximately				1643	0.0667	0.50		1814	244.356	0.0156
30% and grasses with basal				1659	0.1125	0.53		1815	271.074	0.0217
area of approximately 0.8%				2041	0.0	0.53		1818	251.520	0.0280
cover, occupy 55% of the area.				2055	0.0429	0.54		1824	255.656	0.0412
Grasses (black grama, curly				2112	0.0353	0.95		1829	256.552	0.0523
mesquite, tobosa) with a				2128	0.0	0.55		1831	275.617	0.0565
basal area of 2.6% cover				2142	0.0657	0.57		1834	233.562	0.0622
and shrub cover of 2% occupy				2152	0.0600	0.56		1839	166.717	0.0701
the remaining 45% of the				2202	0.0600	0.55		1843	133.481	0.0745
area.								1848	102.008	0.0753
								1851	63.460	0.0813
								1858	62.157	0.0851
								1900	48.454	0.0860
								1903	29.616	0.0866
								1908	6.524	0.0875
								1909	5.154	0.0875
								1912	4.576	0.0876
								1915	4.510	0.0877
								1919	5.557	0.0879
								1921	7.316	0.0880
								1923	8.206	0.0881

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000447.



1975	SELECTED RUNOFF EVENT			TOBESTONE, ARIZONA WATERSHED W-3						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 13 - 14, 1975 (CONTINUED)										
							9-13	1924	8.673	0.0882
								1931	8.673	0.0886
								1935	7.403	0.0889
								1939	7.145	0.0891
								1943	6.010	0.0893
								1953	4.984	0.0897
								1955	4.710	0.0898
								1958	4.811	0.0899
								2003	4.710	0.0901
								2005	4.477	0.0901
								2010	3.671	0.0903
								2015	3.005	0.0904
								2021	2.255	0.0905
								2030	1.773	0.0907
								2035	1.602	0.0907
								2038	1.454	0.0907
								2043	1.147	0.0908
								2046	0.932	0.0908
								2051	0.601	0.0908
								2100	0.601	0.0909
								2103	0.530	0.0909
								2105	0.411	0.0909
								2111	0.128	0.0909
								2113	0.047	0.0909
								2115	0.025	0.0909
								2118	0.007	0.0909
								2120	0.0	0.0909

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000447.



EVENT OF SEPTEMBER 13 - 14, 1975  
TOBSTONE, ARIZONA WATERSHED W-3

## TOMBSTONE, ARIZONA W-4

LOCATION: Cochise County, Arizona; 2 miles north of Tombstone; Walnut Gulch, San Pedro River, Gila River, Colorado River Basin. Lat. 31 deg. 44 min. 19 sec. N.; long. 110 deg. 02 min. 40 sec. W.

AREA: 560.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														TOMBSTONE, ARIZONA W-4													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	0.42	0.05	0.31	0.27	0.05	0.0	4.14	0.73	2.40	0.0	0.33	0.19	8.85													
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.328	0.0	0.109	0.0	0.0	0.0	0.427													
STA AV	P	0.45	0.36	0.52	0.14	0.08	0.33	3.37	2.94	1.36	0.64	0.40	0.65	11.27													
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.315	0.134	0.032	0.004	0.0	0.0	0.484													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days									
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-17	0.446	7-17	0.273	7-17	0.310	7-17	0.313	7-17	0.313	7-17	0.313	7-16	0.313	7-15	0.313	7-9	0.313								
MAXIMUMS FOR PERIOD OF RECORD																											
		7-19	2.250	7-19	0.980	7-19	1.100	7-19	1.100	7-19	1.100	7-19	1.100	7-19	1.630	7-19	1.630	7-19	4.370								
		1955		1955		1955		1955		1955		1955		1955		1955		1955									

NOTES: Watershed conditions: Vegetative cover: 100% dominated by desert shrubs (whitethorn, creosotebush, and tarbush) with a crown spread of approximately 38% and an understory of grasses with approximately 0.6% basal cover. For topography, geological, and vegetative maps, see pages 63.1-3, 63.1-4 and 63.1-5 respectively of Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226. Precipitation Data: Record began July 1954. Monthly totals are Thiessen weighted averages of four rain gages. Station averages are based on record period (1955-75). Runoff Data: Records began January 1955, station averages based on 15 yr period, (1955-75) and (1961-75). Temperature Data: See table of daily maximum and minimum values included for watershed 63.001. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

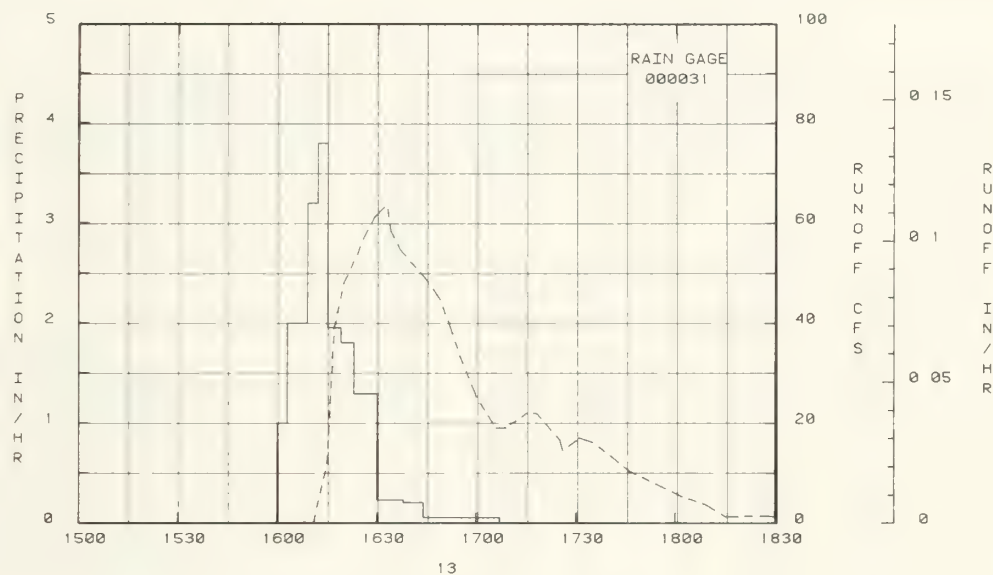
1975 DAILY PRECIPITATION (inches)														TOMBSTONE, ARIZONA W-4													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.04E	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.02E	0.0	0.0	0.0															
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0															
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0															
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.0	0.0	0.0															
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.43	0.0	0.18	0.0	0.0															
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.28	0.0	0.0															
7	0.0	0.0	0.0	0.07E	0.0	0.0	0.30	0.0	0.36	0.0	0.0	0.0															
8	0.0	0.0	0.0	0.0	0.0	0.0	0.27	0.05	0.0	0.0	0.0	0.0															
9	0.02E	0.0	0.02	0.16	0.0	0.0	0.0	0.07E	0.0	0.0	0.0	0.0															
10	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.11E	0.0	0.0	0.0	0.0															
11	0.0	0.0	0.05M	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0															
12	0.0	0.0	0.04M	0.0	0.0	0.0	0.0	0.4E	0.03E	0.02	0.0	0.0															
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.21	0.0	0.0	0.0															
14	0.0	0.0	0.04E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
17	0.0	0.0	0.0	0.0	0.0	0.0	1.57	0.0	0.0	0.0	0.0	0.0															
18	0.0	0.0	0.0	0.04E	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0															
19	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0															
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0	0.0															
21	0.0	0.05E	0.0	0.0	0.0	0.0	0.30E	0.0	0.0	0.0	0.0	0.0															
22	0.0	0.0	0.0	0.0	0.0	0.0	0.18E	0.43	0.0	0.0	0.0	0.0															
23	0.0	0.0	0.0	0.0	0.0	0.0	0.21E	0.03	0.0	0.0	0.0	0.0															
24	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0															
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
26	0.0	0.0	0.11S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
27	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0															
28	0.0	0.0	0.05M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
29	0.33		0.0	0.0	0.05	0.0	0.05	0.0	0.0	0.0	0.0	0.0															
30	0.03E		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
31	0.0		0.0		0.0		0.0	0.0		0.0																	
TOTAL	0.42	0.05	0.31	0.27	0.05	0.0	4.14	0.73	2.40	0.0	0.33	0.19															
STA AV	0.49	0.36	0.52	0.14	0.08	0.33	3.37	2.94	1.36	0.64	0.40	0.65															

NOTES: Data are Thiessen weighted averages of values from four gages. STA AV are for record period (1955-75).



1975	SELECTED FONGPF EVENT					TOMBSTONE, ARIZONA W-4				
ANTECEDENT CONDITIONS			RAINFALL			FONGPF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 13 - 14, 1975 (CONTINUED)										
				9-13				1735	16.042	0.0835
								1741	13.061	0.0861
								1746	10.368	0.0878
								1755	7.467	0.0502
								1802	5.250	0.0915
								1809	3.671	0.0924
								1812	2.528	0.0927
								1815	1.247	0.0928
								1819	1.265	0.0930
								1821	1.442	0.0931
								1826	1.442	0.0933
								1830	1.191	0.0934
								1834	0.774	0.0936
								1835	0.406	0.0936
								1852	0.0	0.0937

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001771.



EVENT OF SEPTEMBER 13 - 14, 1975  
TOMBSTONE, ARIZONA W-4



## TOMBSTONE, ARIZONA W-8

LOCATION: Cochise County; 1-1/2 miles northeast of Tombstone; Walnut Gulch, San Pedro River, Gila River, Colorado River Basin. Lat. 31 deg. 43 min. 23 sec. N.; Long. 110 deg. 02 min. 35 sec. W.

AREA: 3830.00 acres 5.98 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										TOMBSTONE, ARIZONA W-8							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	0.47	0.04	0.43	0.38	0.03	0.0	3.54	0.99	4.10	0.04	0.39	0.25	10.66			
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.087	0.176	0.484	0.0	0.0	0.0	0.797			
STA AV	P	0.35	0.50	0.67	0.18	0.10	0.36	2.55	3.06	1.56	0.83	0.33	0.45	11.38			
	Q	0.0	0.0	0.0	0.0	0.0	0.004	0.045	0.127	0.066	0.003	0.0	0.0	0.245			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		8-22	0.596	9-13	0.226	9-13	0.265	5-13	0.276	9-13	0.276	5-12	0.276	5-11	0.276	5- 5	0.413
MAXIMUMS FOR PERIOD OF RECORD																	
		7-22	1.110	7-22	0.310	7-22	0.320	7-22	0.340	7-22	0.340	7-22	0.340	7-22	0.340	9- 5	0.413
		1964		1964		1964		1964		1964		1964		1964		1975	

NOTES: Watershed conditions: Vegetative cover: approximately 33% of area is dominated by desert shrubs (white-thorn, creosotebush, tarbush) with a crown spread of approximately 30% and an understory of grasses with less than 1% basal area. The remaining 67% of the area is dominated by grasses (black grama, curly mesquite, sideoats grama) with a basal area of about 2.5% interspersed by desert shrubs with a crown spread of 5%. For topographic, geologic, and vegetation maps, see pages 63.1-3, 63.1-4 and 63.1-5, respectively, of Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226. Precipitation Data: Records began 1963. Monthly totals are Thiessen weighted averages of 17 gages, station averages are based on 1968-75 data. Runoff Data: Records began 1963, station averages are based on 1966, 1968-75 data. Temperature Data: See table of daily maximum and minimum values included for Watershed 63.001. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

1975 DAILY PRECIPITATION (inches)													TOMBSTONE, ARIZONA W-8	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.03E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07E	0.0	0.0	0.0		
2	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.09	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.55	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.64	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.17E	0.0	0.77	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0 T	0.05E	0.0	0.21	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.13M	0.0	0.0	0.34E	0.0	0.47E	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.13E	0.21E	0.0	0.0	0.0		
9	0.03E	0.0	0.01	0.21	0.0	0.0	0.0	0.08E	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0 E	0.03E	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.07M	0.0	0.0	0.0	0.16E	0.0	0.0 T	0.0	0.0	0.0		
12	0.0	0.0	0.07M	0.0	0.0	0.0	0.47E	0.05E	0.03	0.0	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03E	1.06	0.0	0.0	0.0		
14	0.0	0.0	0.06M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.67E	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.04S	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.03E	0.0	0.0	0.0	0.0		
21	0.0	0.03E	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.04	0.0	0.14E		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.40	0.59E	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	0.0	0.50E	0.05E	0.0	0.0	0.0	0.10		
24	0.0	0.0	0.0	0.0	0.0	0.0	0.19E	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.13S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.09M	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.31M	0.0		
29	0.38E	0.0	0.0	0.0	0.03	0.0	0.04	0.0	0.0	0.0	0.08M	0.0		
30	0.03E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01S		
TOTAL	0.47	0.04	0.43	0.38	0.03	0.0	3.54	0.99	4.10	0.04	0.39	0.25		
STA AV	0.39	0.50	0.67	0.18	0.10	0.36	2.95	3.06	1.56	0.83	0.33	0.45		

NOTES: Data are Thiessen weighted averages from 17 rain gages. STA AV are based on 1968-75 data.

1975 MEAN DAILY DISCHARGE (cfs) TOMBSTONE, ARIZONA W-6												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.592	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.213	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.697E	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.025E	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.988E	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.577	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.352E	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	13.423E	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.251E	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.451E	0.911E	2.5969	0.0	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	0.0E7	0.17E	0.484	0.0	0.0	0.0
STA AV	0.0	0.0	0.0	0.0	0.0	0.004	0.04E	0.127	0.066	0.003	0.0	0.0

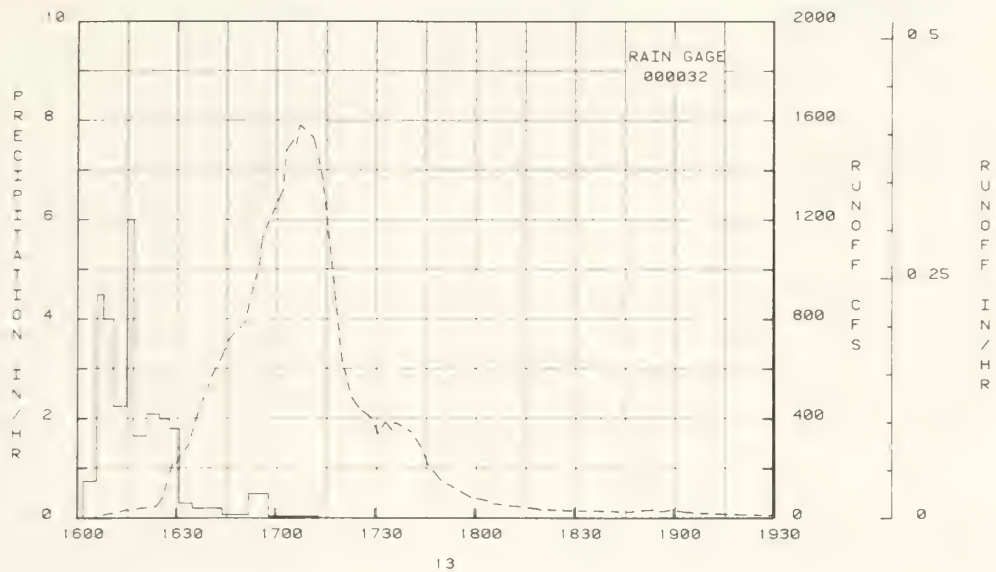
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.006215. STA AV are based on 9 yr only (1966, 1968-75).

1975 SELECTED FUNCFF EVENT			TOMBSTONE, ARIZONA W-6									
ANTECEDENT CONDITIONS			FAINFALL				FUNCFF					
Date	Fainfall	Funcff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF SEPTEMBER 13 - 14, 1975												
EG 000032			EG 000032									
9-13	0.0	0.0	9-13	1602	0.0	0.0	9-13	1604	0.0	0.0		
				1606	0.7500	0.05		1606	7.4E2	0.0000		
				1608	4.5000	0.20		1610	20.425	0.0003		
				1611	4.0000	0.40		1611	16.82E	0.0003		
				1615	2.2500	0.55		1615	35.159	0.0006		
WATERSHED CONDITIONS: Vegetative cover: Approximately 33% of the area is dominated by desert shrubs (whitethorn, creosotebush, tartush) with a crown spread of approximately 30% and an understory of grasses with less than 1% basal area. The remaining 67% of the area is dominated by grasses (black grama, curly mesquite, sideoats grama) with a basal area of about 2.5%, interspersed by desert shrubs with a crown spread of about 5%.				1617	6.0015	0.75		1616	30.603	0.0010		
				1621	1.6500	0.8E		1619	40.531	0.0014		
				1625	2.1000	1.00		1624	46.897	0.0024		
				1628	2.0000	1.10		1626	64.159	0.0029		
				1631	1.8000	1.15		1629	222.235	0.0049		
				1635	0.3000	1.21		1630	224.202	0.0055		
				1644	0.2000	1.24		1634	301.92E	0.0104		
				1652	0.0750	1.25		1636	401.157	0.0135		
				1658	0.5000	1.30		1641	575.590	0.0240		
				1713	0.0400	1.31		1644	656.225	0.0320		
				1813	0.0100	1.32		1646	721.8E3	0.0380		
				2041	0.0	1.32		1651	753.653	0.0543		
				2101	0.0300	1.33		1652	871.568	0.0575		
				2128	0.0444	1.35		1655	1021.714	0.0702		
							1656	1138.8E2	0.0748			
							1702	1323.162	0.1067			
							1703	1480.950	0.1128			
							1705	1520.62E	0.1257			
							1706	1503.4E6	0.1323			
							1707	1581.037	0.1389			
							1711	1531.656	0.1658			
							1712	1481.632	0.1723			
							1714	1359.560	0.1845			
							1716	1120.84E	0.1952			
							1718	872.107	0.2038			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000255.

1975 SELECTED RUNOFF EVENT			TOMBSTONE, ARIZONA W-8						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
									Acc.
									(inches)
EVENT OF SEPTEMBER 13 - 14, 1975 (CONTINUED)									
							5-13	1720	626.958
								1723	482.781
								1725	445.053
								1726	431.272
								1729	401.594
								1731	335.643
								1733	386.506
								1735	353.856
								1736	386.061
								1740	352.625
								1741	347.568
								1744	283.242
								1746	214.785
								1750	152.113
								1756	107.218
								1759	84.348
								1804	69.571
								1806	57.675
								1814	46.147
								1820	34.735
								1827	31.472
								1839	28.905
								1846	25.572
								1854	36.970
								1856	27.872
								1859	35.159
								1903	26.959
								1906	22.738
								1914	18.014
								1922	14.241
								1930	12.146
								1936	10.056
								1943	7.583
								1951	5.450
								2000	3.637
								2005	2.541
								2020	1.374
								2030	0.833
								2043	0.337
								2055	0.111
								2105	0.020
								2115	0.0

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000255.



EVENT OF SEPTEMBER 13 - 14, 1975

TOMBSTONE, ARIZONA W-R



## TOMBSTONE, ARIZONA W-11

LOCATION: Cochise County; 4-1/3 miles northeast of Tombstone; Walnut Gulch, San Pedro River, Gila River, Colorado River Basin. Lat. 31 deg. 44 min. 28 sec. N.; Long. 109 deg. 55 min. 40 sec. W.

AREA: 2035.00 acres 3.18 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)								TOMBSTONE, ARIZONA W-11											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	0.51	0.07	0.43	0.35	0.01	0.0	3.36	1.21	4.47	0.07	0.41	0.27	11.16					
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.126	0.682	0.0	0.0	0.0	0.810					
STA AV	P	0.41	0.50	0.63	0.18	0.12	0.33	3.00	3.16	1.56	0.81	0.33	0.46	11.45					
	Q	0.0	0.0	0.0	0.0	0.0	0.002	0.073	0.147	0.089	0.004	0.0	0.0	0.315					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		9- 5	0.574	9- 5	0.255	9- 5	0.265	9- 5	0.271	9- 5	0.271	9- 4	0.341	9- 4	0.368	9- 5	0.584		
MAXIMUMS FOR PERIOD OF RECORD																			
		9- 5	0.574	9-10	0.620	9- 9	0.750	9- 9	0.770	9- 5	0.970	9- 9	0.970	9-10	1.460	9- 8	1.700		
		1975		1964		1964		1964		1964		1964		1964		1964			

NOTES: Watershed conditions: Approximately 20% of the area dominated by desert shrubs (whitethorn, creosotebush, tarbush) with a crown spread of approximately 30% and an understory of grasses with a basal area of less than 1%. The remaining 80% of the area supports a grass cover (black grama, curly mesquite, sidecoats grama) with a basal cover of about 2.5% interspersed with desert shrubs averaging less than 5% crown. For contour map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, p. 63.1-3. For geologic map (p. 63.1-4) and vegetation map (p. 63.1-5) of foregoing reference. Precipitation Data: Records began 1963. Monthly totals are Thiessen weighted averages of 10 rain gages, station averages are for 8 yr (1968-75). Runoff Data: Records began 1963, station averages are based on 1966, 1968-75 data. Temperature Data: See table of daily maximum and minimum values included for Watershed 63.001. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

1975 DAILY PRECIPITATION (inches)													TOMBSTONE, ARIZONA W-11	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.04E	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0		
2	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.07	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.71	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.64	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16E	0.0	0.95	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10E	0.0	0.15	0.0	0.0		
7	0.0	0.0	0.0	0.11E	0.0	0.0	0.0	0.36E	0.0	0.59E	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16E	0.33E	0.0	0.0		
9	0.03E	0.0	0.01	0.21	0.0	0.0	0.0	0.0	0.08E	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0		
11	0.0	0.0	0.08E	0.0	0.0	0.0	0.0	0.14E	0.0	0.0	0.0	0.0		
12	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.35E	0.04E	0.06	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04E	0.93	0.0	0.0		
14	0.0	0.0	0.06E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33E	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.03E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.03E	0.0	0.0	0.0		
21	0.0	0.04E	0.0	0.0	0.0	0.0	0.0	0.36	0.0	0.0	0.07	0.0		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.45	0.81E	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.72E	0.04E	0.0	0.0	0.0		
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21E	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.12E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.09E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33E		
29	0.41E	0.0	0.0	0.0	0.01	0.0	0.0	0.02	0.0	0.0	0.0	0.08E		
30	0.03E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E		
TOTAL	0.51	0.07	0.43	0.35	0.01	0.0	3.36	1.21	4.47	0.07	0.41	0.27		
STA AV	0.41	0.50	0.63	0.18	0.12	0.33	3.00	3.16	1.56	0.81	0.33	0.46		

NOTES: Data are Thiessen weighted averages of 10 rain gages. STA AV are for 8 yr only (1968-75).

1975 MEAN DAILY DISCHARGE (cfs) TOMBSTONE, ARIZONA W-11												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.638E	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.733	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.153	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.035	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.625E	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.118	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.814E	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.141	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0046	0.3489	1.9435	0.0	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.126	0.682	0.0	0.0	0.0
STA AV	0.0	0.0	0.0	0.0	0.0	0.002	0.075	0.147	0.089	0.004	0.0	0.0

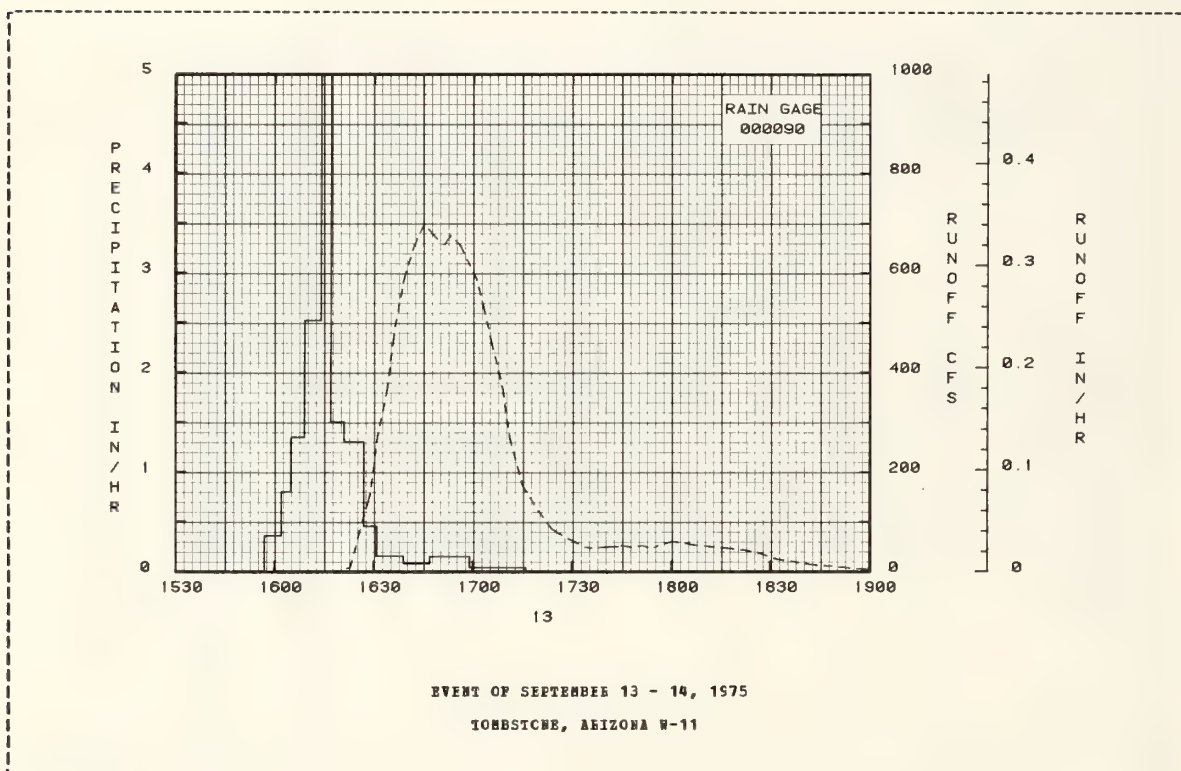
NOTES: To convert mean daily discharge values in CFS to IN/ DAY, multiply by 0.011696. STA AV values are for 5 yr only (1966, 1968-75).

1975 SELECTED RUNOFF EVENT TOMBSTONE, ARIZONA W-11												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF SEPTEMBER 13 - 14, 1975												
BG 000050			BG 000050									
9-13	0.0	0.0	9-13	1557	0.0	0.0	9-13	1618	0.0	0.0		
				1602	0.3600	0.03		1620	0.908	0.0000		
				1605	0.8000	0.07		1623	8.311	0.0001		
				1609	1.3500	0.16		1626	64.187	0.0012		
				1614	2.5200	0.37		1629	156.353	0.0042		
WATERSHED CONDITIONS: Vegetative cover: Approximately 20% of the area is dominated by desert shrubs (whitethorn, creosotebush, tartush) with a crown spread of approximately 30% cover and an understory of grasses with basal area of less than 1%. The remaining 80% of the area supports a grass cover (black grama, curly mesquite, sideoats grama) with basal cover of about 2.5% interspersed with desert shrubs averaging less than 5% crown cover.				1617	5.0000	0.62		1631	263.882	0.0076		
				1621	1.5000	0.72		1634	363.877	0.0152		
				1627	1.5000	0.85		1636	477.652	0.0221		
				1631	0.4500	0.88		1639	588.135	0.0351		
				1635	0.1500	0.90		1642	655.071	0.0502		
				1647	0.0750	0.51		1645	698.248	0.0667		
				1659	0.1500	0.54		1649	666.606	0.0889		
				1716	0.0353	0.55		1651	655.522	0.0956		
				1824	0.0	0.55		1653	674.349	0.1104		
				2011	0.0056	0.56		1656	652.544	0.1266		
				2057	0.0130	0.97		1701	584.450	0.1517		
								1703	530.610	0.1608		
								1706	445.177	0.1727		
								1705	364.209	0.1825		
								1711	267.674	0.1877		
								1715	172.200	0.1948		
								1720	115.940	0.2007		
								1724	84.376	0.2041		
								1727	71.889	0.2060		
								1729	64.989	0.2071		
								1732	55.431	0.2085		
								1734	48.457	0.2054		
								1736	46.436	0.2101		
								1740	48.759	0.2117		
								1744	50.467	0.2133		

NOTES: To convert runoff in CFS to IN/BS, multiply by 0.000467.

1975 SELECTED RUNOFF EVENT			TOMBSTONE, ARIZONA W-11						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Acc. (inches)
EVENT OF SEPTEMBER 13 - 14, 1975 (CONTINUED)									
				9-13			1745	52.150	0.2138
							1748	48.081	0.2150
							1751	52.480	0.2162
							1753	48.497	0.2170
							1755	48.220	0.2178
							1756	52.045	0.2182
							1800	60.027	0.2200
							1808	32.625	0.2237
							1813	48.916	0.2258
							1819	45.625	0.2281
							1822	42.978	0.2291
							1827	36.150	0.2306
							1832	24.900	0.2320
							1842	14.102	0.2336
							1852	7.994	0.2345
							1902	3.704	0.2350
							1912	1.534	0.2352
							1922	0.659	0.2353
							1932	0.264	0.2353
							1942	0.079	0.2353
							2002	0.0	0.2353

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000487.



## TOMBSTONE, ARIZONA W-15

LOCATION: Cochise County; 3/4 miles east of Tombstone; Walnut Gulch, San Pedro River, Gila River, Colorado River Basin. Lat. 31 deg. 42 min. 46 sec. N.; Long. 110 deg. 02 min. 25 sec. W.

AREA: 5912.00 acres 9.24 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														TOMBSTONE, ARIZONA W-15			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	0.51	0.0	0.45	0.43	0.01	0.0	5.29	0.75	2.41	0.0	0.47	0.29	10.61			
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.117	0.001	0.015	0.0	0.0	0.0	0.133			
STA AV	P	0.46	0.45	0.62	0.17	0.14	0.36	3.57	3.11	1.35	0.63	0.32	0.90	12.07			
	Q	0.0	0.0	0.002	0.0	0.0	0.003	0.046	0.109	0.018	0.001	0.0	0.0	0.178			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-22	0.072	7-17	0.041	7-17	0.047	7-17	0.045	7-17	0.049	7-17	0.060	7-16	0.060	7-15	0.108
MAXIMUMS FOR PERIOD OF RECORD																	
		8-10	0.211	8-10	0.104	8-10	0.180	8-19	0.200	8-19	0.200	8-19	0.230	8-19	0.250	8-19	0.250
		1971		1971		1971		1966		1966		1966		1966		1966	

NOTES: Watershed conditions: Vegetative cover: Desert shrubs (whitethorn, creosotebush, tarbush) occupy 78% of the area with a crown spread of approximately 30% and an understory of grasses of less than 1% basal area. 22% of the area is in grass cover (black grama, tobosa grass, blue grama, sideoats grama, and curly mesquite grass) of approximately 2% basal area. For topographic, geologic, and vegetation maps, see pages 63.1-3, 63.1-4 and 63.1-5, respectively, of Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226. Precipitation Data: Records began January 1965. Monthly totals Thiessen weighted averages of 15 rain gages. Runoff Data: Records began January 1965. Station averages for precipitation and runoff based on 1965-1975 record period. Temperature Data: For table of daily maximum and minimum values, see information included for Watershed 63.001. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

1975		DAILY PRECIPITATION (inches)						TOMBSTONE, ARIZONA W-15					
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.02E	0.0	0.0	0.0	0.0	0.0	0.20E	0.0	0.20E	0.0	0.0	0.0	
2	0.0	0.0 T	0.0	0.0	0.0	0.0	0.02	0.0	0.01	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.06	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.23	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.53E	0.0	0.37E	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.08E	0.0	0.35E	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.17E	0.0	0.0	0.29E	0.0	0.41E	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.0	0.15E	0.05E	0.08E	0.0	0.0	0.0	
9	0.06E	0.0	0.01E	0.25E	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 E	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.07E	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.05E	0.0	0.0	0.0	0.43E	0.08E	0.06	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.02	0.64	0.0	0.0	0.0	
14	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.0	0.85	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.01S	0.0	0.0	0.36	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.03E	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.54E	0.0	0.0	0.0 T	0.0	0.11E	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.92E	0.04	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.28	0.53E	0.0	0.0	0.0	0.17E	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.16S	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.09E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30E	0.0	
29	0.42E		0.0	0.0	0.01	0.0	0.13	0.0	0.0	0.0	0.17E	0.0	
30	0.01E		0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	
31	0.0		0.0		0.0		0.0	0.0		0.0		0.01S	
TOTAL	0.51	0.0	0.45	0.43	0.01	0.0	5.29	0.75	2.41	0.0	0.47	0.29	
STA AV	0.46	0.45	0.62	0.17	0.14	0.36	3.57	3.11	1.35	0.63	0.32	0.90	

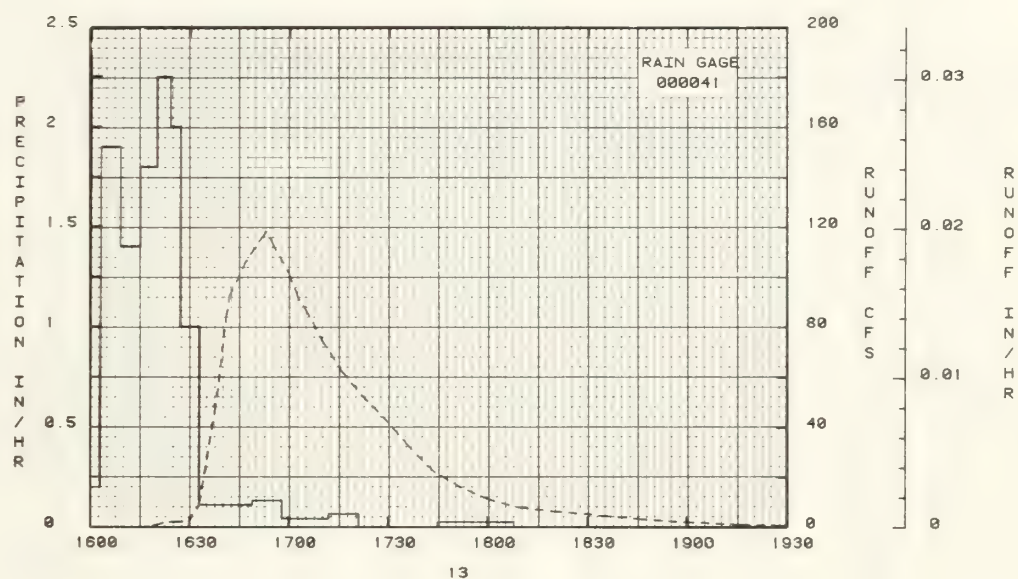
NOTES: Data are Thiessen weighted averages of 15 rain gages. STA AV are based on 11 yr record period (1965-75).





1975	SELECTED RUNOFF EVENT			TOMBSTONE, ARIZONA W-15						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF SEPTEMBER 13 - 14, 1975 (CONTINUED)										
							S-13	1900	2.148	0.0152
								1915	1.187	0.0153
								1915	0.964	0.0153
								1931	0.776	0.0153
								1936	0.722	0.0153
								1943	0.608	0.0153
								1950	0.421	0.0153
								1959	0.260	0.0153
								2007	0.220	0.0153
								2015	0.130	0.0153
								2030	0.036	0.0153
								2041	0.005	0.0153
								2052	0.002	0.0153
								2109	0.0	0.0153

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000168.



EVENT OF SEPTEMBER 13 - 14, 1975

TOMBSTONE, ARIZONA W-15

## TOMBSTONE, ARIZONA WATERSHED 63.103

LOCATION: Cochise County; 2 miles north of Tombstone; Walnut Gulch, San Pedro River, Gila River, Colorado River Basin  
Lat. 31 deg. 44 min. 30 sec. N.; Long. 110 deg. 03 min. 15 sec. W.

AREA: 9.10 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								TOMBSTONE, ARIZONA WATERSHED 63.103											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	0.53	0.05	0.39	0.36	0.05	0.0	6.53	0.83	2.51	0.0	0.35	0.24	11.84					
	Q	0.0	0.0	0.0	0.0	0.0	0.0	2.163	0.0	0.303	0.0	0.0	0.0	2.466					
STA AV	P	0.35	0.40	0.55	0.17	0.11	0.31	3.48	2.61	1.76	0.65	0.28	0.53	11.66					
	Q	0.0	0.0	0.0	0.0	0.0	0.011	0.370	0.275	0.167	0.031	0.0	0.005	0.859					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-17	3.676	7-17	1.572	7-17	1.615	7-17	1.615	7-17	1.615	7-16	1.615	7-15	1.615	7- 9	2.070		
MAXIMUMS FOR PERIOD OF RECORD																			
		7-17	3.676	7-17	1.572	7-17	1.615	7-17	1.615	7-17	1.615	7-16	1.615	7-15	1.615	7- 9	2.070		
1975		1975		1975		1975		1975		1975		1975		1975		1975			

NOTES: Watershed Conditions: Vegetative cover: Entire area dominated by desert shrubs (whitethorn, creosote-bush, and tarbush) with crown spread of about 25% and an understory of grasses with about 0.6% basal cover. For contour map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, p. 63.1-3. For geologic map (p. 63.1-4) and vegetative map (p. 63.1-5) of foregoing reference. Precipitation Data: Records began January 1965. Monthly totals are values from rain gage No. 83. STA AV based on 1965-75 data. Runoff Data: Records began January 1965. STA AV based on data for the record 1965-75. Temperature Data: See table of daily maximum and minimum values included for Watershed 63.001. For long-time precipitation records, see National Weather Service records at Tombstone, Arizona.

1975		DAILY PRECIPITATION (inches)						TOMBSTONE, ARIZONA WATERSHED 63.103						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.06E	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.06	0.0	0.0		
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.0	0.0	0.0		
5	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.21	0.0	0.0	0.0		
6	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.29	0.0	0.0	0.0		
7	0.0	0.0	0.0	0.09E	0.0	0.0	0.24	0.0	0.53	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.11	0.0	0.0	0.0	0.0		
9	0.04E	0.0	0.0	0.20	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.15	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.11E	0.0	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.0		
12	0.0	0.0	0.04E	0.0	0.0	0.0	1.11	0.08E	0.07	0.0	0.0	0.0		
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.80	0.0	0.0	0.0		
14	0.0	0.0	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.0	0.0	0.0	0.0	2.86	0.0	0.0	0.0	0.0	0.0		
18	0.0	0.0	0.0	0.07E	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0		
21	0.0	0.05	0.0	0.0	0.0	0.0	0.23	0.0	0.0	0.0	0.0	0.11		
22	0.0	0.0	0.0	0.0	0.0	0.0	0.22	0.39	0.0	0.0	0.0	0.0		
23	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.05	0.0	0.0	0.0	0.13		
24	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.0		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
26	0.0	0.0	0.09E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.08E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.27E	0.0		
29	0.40		0.0	0.0	0.05	0.0	0.02	0.0	0.0	0.0	0.08E	0.0		
30	0.03		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.0		0.0		0.0		0.0	0.0		0.0		0.0		
TOTAL	0.53	0.05	0.39	0.36	0.05	0.0	6.53	0.83	2.51	0.0	0.35	0.24		
STA AV	0.39	0.40	0.55	0.17	0.11	0.31	3.48	2.61	1.76	0.65	0.28	0.93		

NOTES: Data are values from rain gage No. 83. STA AV values are based on record period 1965-75.

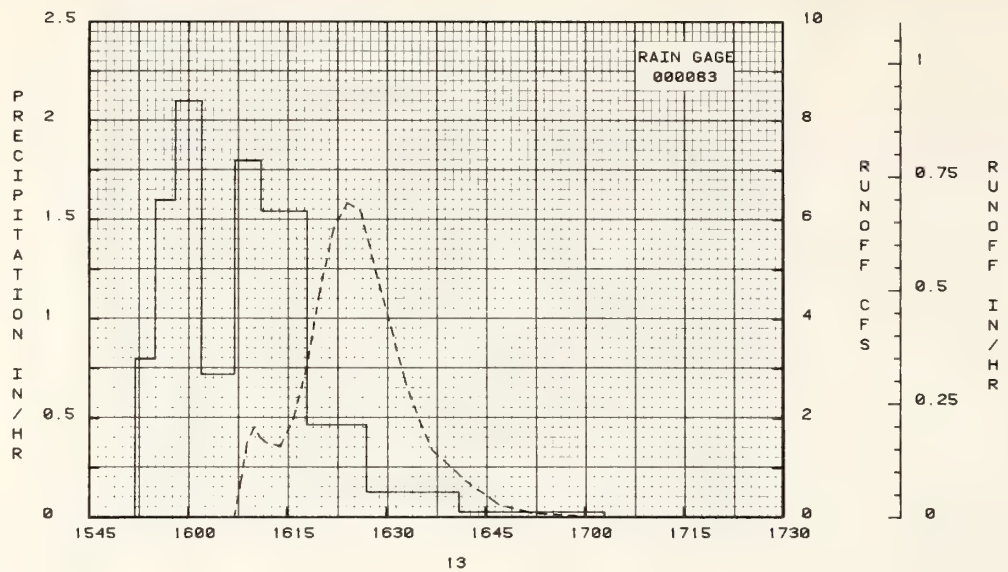
1975 MEAN DAILY DISCHARGE (cfs) TONESTONE, ARIZONA WATERSHED 63.103												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.029	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.155	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.073	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.563	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0243	0.0	0.0035	0.0	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	2.163	0.0	0.303	0.0	0.0	0.0
STA AV	0.0	0.0	0.0	0.0	0.0	0.0	0.011	0.370	0.275	0.167	0.031	0.005

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 2.615566. STA AV based on record period 1965-75.

1975			SELECTED RUNOFF EVENT										TONESTONE, ARIZONA WATERSHED 63.103									
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF															
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.												
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)												
EVENT OF SEPTEMBER 13, 1975																						
BG 000083			BG 000083																			
9-13	0.02	0.0	9-13	1552	0.0	0.0	9-13	1607	0.0	0.0												
				1555	0.8000	0.04		1608	0.723	0.0014												
				1558	1.6000	0.12		1609	1.526	0.0045												
				1602	2.1000	0.26		1610	1.831	0.0081												
				1607	0.7200	0.32		1611	1.603	0.0113												
WATERSHED CONDITIONS:																						
Vegetative cover: Entire				1611	1.8000	0.44	1612		1.503	0.0143												
area dominated by desert				1618	1.5429	0.62	1614		1.443	0.0201												
shrubs (whitethorn, creosote-				1627	0.4667	0.69	1616		2.019	0.0281												
bush, and tarbush) with				1641	0.1286	0.72	1618		3.065	0.0403												
a crown spread of about 25%				1703	0.0273	0.73	1620		4.625	0.0567												
and an understory of grasses							1622		5.854	0.0820												
with about 0.6% basal cover.							1624		6.338	0.1073												
							1626		6.171	0.1319												
							1628		5.129	0.1523												
							1631		3.655	0.1741												
							1633		2.668	0.1848												
							1635		1.940	0.1925												
							1637		1.355	0.1979												
							1642		0.740	0.2053												
							1647		0.263	0.2079												
							1652		0.092	0.2088												
							1702		0.014	0.2091												
							1712		0.0	0.2091												
							1732		0.0	0.2091												
							1735		0.0	0.2091												

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.108982.





EVENT OF SEPTEMBER 13, 1975  
TCSBSTORE, ARIZONA WATERSHED 63.103

## SANTA ROSA, NEW MEXICO WATERSHED W-1

LOCATION: Guadalupe and Quay Counties; 30 miles east of Santa Rosa; Alamogordo Creek, Tributary of Pecos River.  
Lat. 34 deg. 51 min. 53 sec. N.; Long. 104 deg. 12 min. 23 sec. W.

AREA: 42880.00 acres 67.00 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														SANTA ROSA, NEW MEXICO WATERSHED W-1													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	0.51	0.62	0.78	1.15	0.75	0.07	4.56	2.86	2.58	0.01	0.01	0.10	15.20													
	Q	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.070	0.0	0.0	0.0	0.0	0.072													
STA AV	P	0.32	0.29	0.52	0.63	0.91	1.29	3.57	2.90	1.66	1.49	0.52	0.28	14.36													
	Q	0.0	0.0	0.0	0.0	0.013	0.009	0.099	0.063	0.019	0.003	0.0	0.0	0.206													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days									
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.								
1975		8-16	0.015	8-16	0.013	8-16	0.021	8-16	0.035	8-16	0.037	8-16	0.064	8-16	0.070	8-16	0.070	8-10	0.070								
MAXIMUMS FOR PERIOD OF RECORD																											
		7-20	0.099	7-20	0.087	7-20	0.147	7-20	0.300	7-20	0.350	7-20	0.355	7-18	0.503	7-15	0.509										
		1972		1972		1972		1972		1972		1972		1972		1972		1972									

NOTES: Watershed conditions: Grazing land, about 75% of the area is grassland, vegetation consisting of blue grama, galleta, buffalo and ring shrub. Remaining 25% of area is pinon, juniper, and various shrubs, with some grasses interspersed. Monthly precipitation values are Thiessen weighted averages of 64 rain gages. For contour map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1969, USDA Misc. Pub. 1370, p. 64.001-3. Precipitation and runoff records began in 1955. STA AV based on 8 yr (1968-75), previously published data are being reevaluated. For long-time precipitation records, see National Weather Service records at Santa Rosa, New Mexico.

1975 DAILY AIR TEMPERATURE (degrees F)														SANTA ROSA, NEW MEXICO WATERSHED W-1													
Day		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec														
		max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min														
1		34 22	42 32	64 34	66 33	65 42	81 54	50 61	52 62	91 61	62 36	72 42	48 23														
2		34 21	50 34	68 39	62 22	74 37	78 55	89 63	86 62	89 56	64 36	54 28	68 23														
3		36 12	48 36	74 32	52 25	74 42	87 58	90 62	83 64	88 59	68 40	63 32	66 26														
4		36 5	41 33	62 22	64 32	75 44	91 58	86 55	86 60	86 60	72 42	74 38	64 28														
5		46 26	44 25	60 26	74 30	80 40	90 50	88 57	50 54	86 65	78 38	74 32	64 32														
6		43 31	48 12	70 38	76 34	76 36	92 51	92 62	88 54	80 60	80 38	74 32	68 28														
7		50 30	42 20	67 43	68 40	62 31	94 56	88 64	88 58	84 58	84 46	76 42	50 21														
8		53 23	56 40	64 27	56 31	69 36	90 56	84 58	50 60	83 58	82 50	74 32	64 26														
9		55 31	59 13	48 34	52 31	76 37	90 62	90 62	92 60	86 56	74 40	77 32	72 24														
10		45 10	44 17	60 26	60 35	80 47	74 44	88 62	88 64	84 54	72 38	64 24	66 23														
11		33 13	60 34	58 28	43 34	77 43	76 42	80 62	90 54	84 52	84 40	56 26	71 31														
12		37 5	58 20	58 28	45 34	78 51	77 50	82 60	88 61	84 42	84 48	60 25	66 22														
13		33 12	64 32	37 29	36 34	87 48	88 55	80 60	89 61	44 42	64 46	62 14	58 36														
14		50 20	62 36	56 29	55 32	72 41	95 56	86 60	66 63	50 44	76 34	62 17	56 28														
15		63 24	52 28	56 33	66 32	82 41	96 54	90 60	88 60	72 52	72 42	70 26	54 8														
16		69 26	31 14	48 28	80 44	80 49	94 59	88 60	88 56	82 52	64 29	78 27	52 10														
17		41 24	44 18	64 35	82 56	81 49	94 56	84 62	86 60	84 48	74 39	72 26	60 16														
18		54 26	50 28	56 26	78 36	81 48	92 54	84 64	86 61	89 54	68 36	80 24	28 10														
19		64 33	47 20	69 26	56 26	81 48	93 52	93 64	89 60	79 55	74 34	65 30	34 11														
20		45 24	52 30	78 46	68 37	80 44	91 66	94 62	90 64	70 55	80 36	35 26	45 22														
21		56 22	62 34	74 46	75 45	82 46	92 65	88 66	88 62	66 44	82 40	42 16	46 26														
22		36 24	48 19	69 35	76 58	94 50	88 54	72 64	88 61	50 36	78 44	36 14	43 24														
23		38 21	23 5	62 32	76 40	78 47	92 64	79 66	86 62	66 38	78 50	48 22	58 22														
24		50 22	33 16	50 27	78 40	74 49	93 53	88 63	92 62	72 44	72 28	58 20	40 28														
25		62 42	57 25	78 20	78 40	80 43	90 64	78 60	94 56	72 42	54 24	52 28	38 22														
26		68 34	44 28	71 43	82 46	86 52	94 54	78 60	88 54	72 40	53 30	54 5	48 16														
27		74 46	44 24	69 29	82 51	69 57	90 59	82 62	92 56	82 40	74 38	42 22	52 22														
28		63 26	55 30	45 17	60 36	84 52	96 61	82 61	84 63	68 41	78 42	58 36	56 22														
29		64 35		30 17	68 32	78 52	94 56	88 62	89 56	76 45	62 30	54 36	43 28														
30		65 34		26 17	67 34	54 42	92 62	88 62	94 51	84 40	66 30	43 21	44 14														
31		50 30		50 17		66 40		90 60	96 61		68 40		50 27														
AV.		49 24	44 23	59 30	64 36	76 45	87 54	86 61	89 59	74 48	73 38	59 26	54 23														
MEAN		36.9	33.4	44.7	49.8	60.5	70.4	73.7	74.2	61.3	55.6	42.4	38.4														
STA AV		49 24	44 23	59 30	64 36	76 45	87 54	86 61	85 59	74 48	73 38	59 26	54 23														

NOTES: STA AV values are based on 1 yr (1975) record period.

1975 DAILY PRECIPITATION (inches) SANTA ROSA, NEW MEXICO WATERSHED W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.14S	0.11E	0.0	0.0	0.0	0.0 E	0.0	0.0 I	0.0	0.0	0.0 I	0.0
2	0.0	0.0	0.01E	0.0	0.0	0.0	0.0	0.0 I	0.0	0.0	0.0	0.0
3	0.0	0.12E	0.0 T	0.0	0.0	0.0	0.0 T	0.48E	0.0	0.0	0.0	0.0
4	0.0 I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.01E	0.0	0.0	0.0	0.0	0.53E	0.0	0.06E	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.02E	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.15E	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.07E	0.0	0.0	0.0	0.23E	0.0	0.0	0.0	0.0	0.0
9	0.10S	0.0	0.57E	0.0	0.0	0.0 T	0.55E	0.0	0.15E	0.0	0.0	0.0
10	0.0	0.0	0.0	0.40E	0.0	0.04E	0.01E	0.0	0.0	0.0	0.0	0.0
11	0.04S	0.0	0.0	0.02E	0.0	0.0	0.65E	0.0	0.56E	0.0	0.0	0.0
12	0.01E	0.0	0.0	0.68E	0.0	0.0	0.0 I	0.0 I	0.69E	0.0	0.0	0.0
13	0.0	0.0	0.0	0.05E	0.0	0.0	0.0	0.01E	0.13E	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.16S	0.06E	0.0	0.0	0.0	0.0	0.32E	0.0	0.0	0.0	0.0
16	0.0	0.02S	0.0 E	0.0	0.0	0.0	0.0	1.88E	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.01E	0.0	0.0	0.0 I	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.69	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.77E	0.0	0.0	0.0
21	0.02E	0.10E	0.0	0.0	0.0	0.0 T	1.66E	0.17E	0.22E	0.0	0.0	0.0
22	0.0	0.10E	0.0	0.0	0.0	0.0	0.96E	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.01	0.13E	0.0	0.0	0.0	0.0	0.04E
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04E
25	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.05E	0.0	0.05	0.0	0.0	0.0	0.0	0.0
28	0.0 I	0.0	0.01S	0.0	0.58E	0.0	0.0	0.0	0.0	0.0	0.0	0.02E
29	0.12E	0.0	0.06S	0.0	0.11E	0.0	0.0	0.0	0.0	0.0	0.10E	0.0
30	0.07E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.01E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01E	0.0	0.0
TOTAL	0.51	0.62	0.78	1.15	0.75	0.07	4.96	2.86	2.58	0.01	0.81	0.10
STA AV	0.32	0.29	0.52	0.63	0.51	1.29	3.57	2.90	1.66	1.49	0.52	0.28

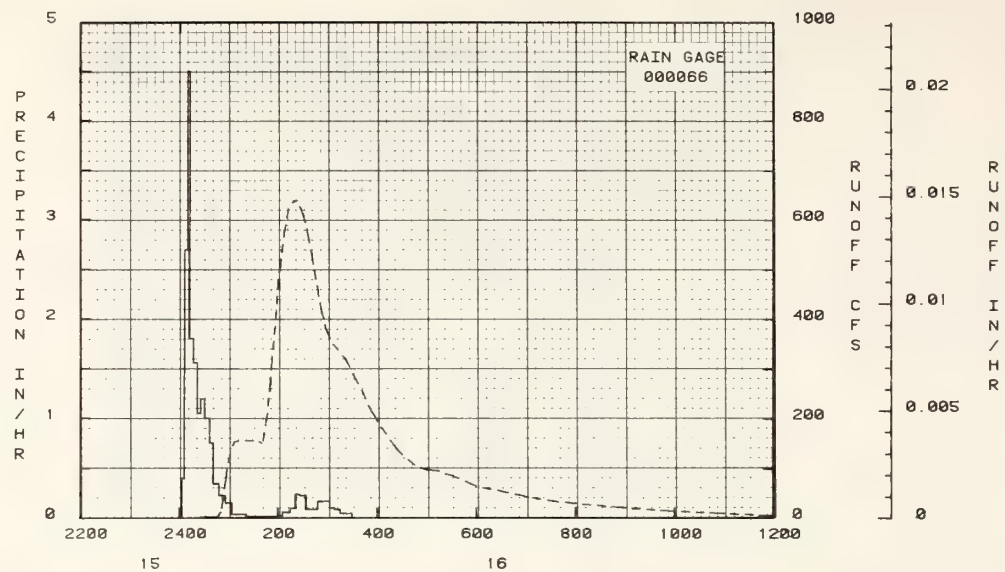
NOTES: Daily values are Thiessen weighted average amounts from 64 rain gages. Precipitation records began in 1955. STA AV are based on 8 yr (1966-75).

1975 MEAN DAILY DISCHARGE (cfs) SANTA ROSA, NEW MEXICO WATERSHED W-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.81	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.98	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	3.40	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.1103	4.0904	0.0	0.0	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.070	0.0	0.0	0.0	0.0
STA AV	0.0	0.0	0.0	0.0	0.013	0.009	0.055	0.063	0.019	0.003	0.0	0.0

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.000555. Runoff records began in 1955. STA AV based on 8 yr (1968-75).







EVENT OF AUGUST 15 - 16, 1975  
SANTA ROSA, NEW MEXICO WATERSHED W-1

REYNOLDS, IDAHO WATERSHED W-1 (03606E)

LOCATION: Owyhee County, Idaho; 34 miles south of Nampa; north flowing tributary to the Snake River. Lat. 43 deg. 15 min. 49 sec. N.; Long. 116 deg. 45 min. 10 sec. W.

AREA: 57700.00 acres 90.20 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										REYNOLDS, IDAHO WATERSHED W-1 (03606E)							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.70	2.86	3.19	2.67	0.78	1.80	1.20	0.89	0.16	4.15	1.36	1.72	22.48			
	Q	0.112	0.266	0.618	0.697	1.248	0.829	0.185	0.032	0.022	0.090	0.052	0.227	4.417			
STA AV	P	2.55	1.44	2.15	1.66	0.80	1.63	0.45	0.79	0.83	1.79	2.15	2.41	19.05			
	Q	0.476	0.290	0.525	0.612	0.652	0.347	0.054	0.023	0.015	0.030	0.054	0.208	3.284			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		3-25	0.005	3-25	0.004	3-25	0.005	2-28	0.024	6-2	0.046	2-28	0.082	5-14	0.145	5-10	0.485
MAXIMUMS FOR PERIOD OF RECORD																	
		12-23	0.065	12-23	0.064	12-23	0.125	12-23	0.270	12-23	0.327	12-23	0.453	12-23	0.721	12-28	1.313
		1964		1964		1964		1964		1964		1964		1964		1965	

NOTES: Watershed conditions: Predominantly sagebrush rangeland, 95%; small stands of forest, 2%; permanent fields of flood irrigated alfalfa, 3%. For revised map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1968, USDA Misc. Pub. 1330, p. 68.1-6. Records began 1963. Precipitation data are Thiessen weighted average 'Computed Actual' amounts from 45 rain gages. Station average precipitation amounts are based on 1966-75 data. Station average runoff amounts are based on the 1963-75 record period. For long-time precipitation records, see National Weather Service records at Boise, Idaho; 50 miles W.E. of watershed.

1975 DAILY AIR TEMPERATURE (degrees F)													REYNOLDS, IDAHO WATERSHED W-1 (03606E)	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min		
1	22 2	44 28	55 23	39 23	58 30	83 44	83 51	76 44	66 40	78 36	58 31	53 43		
2	34 11	42 30	51 36	50 21	66 29	79 49	86 52	86 44	68 36	80 39	61 36	55 36		
3	39 17	40 28	51 30	40 21	55 34	67 44	92 53	83 52	73 38	78 51	65 35	59 32		
4	40 30	35 29	54 28	41 16	45 30	75 44	96 59	95 51	76 45	73 46	64 34	56 34		
5	41 21	38 24	47 25	44 25	46 34	87 46	95 58	94 54	84 44	81 38	70 32	33 29		
6	40 31	34 25	46 26	37 29	53 37	76 50	90 61	90 57	87 45	66 42	57 34	40 30		
7	42 30	39 28	51 30	40 30	53 40	74 49	91 55	77 50	86 51	48 37	47 35	52 37		
8	44 24	40 29	50 33	38 30	59 34	67 44	95 60	79 48	82 50	54 35	41 29	55 46		
9	28 16	48 28	41 33	42 33	64 38	67 43	93 65	85 48	82 44	57 43	45 27	57 46		
10	32 22	43 33	42 31	40 34	72 38	73 37	95 68	84 52	79 53	63 46	47 30	53 40		
11	25 11	44 35	40 26	50 26	60 36	84 42	82 66	83 53	80 50	50 37	38 29	45 37		
12	29 15	47 39	45 22	58 32	66 34	82 50	88 60	82 52	83 49	49 37	45 30	43 22		
13	30 13	49 36	46 29	55 35	74 34	82 52	82 52	83 49	83 48	53 42	50 24	25 20		
14	33 14	36 27	48 23	48 31	82 44	83 47	89 55	80 53	80 53	60 34	58 27	33 17		
15	42 27	36 20	51 28	44 30	74 50	82 46	83 55	84 50	82 46	62 37	62 40	40 33		
16	45 28	32 25	43 29	47 32	70 43	70 37	79 57	87 59	82 51	63 34	44 32	40 33		
17	53 33	34 20	41 26	51 35	71 40	58 44	83 57	73 57	67 45	72 37	36 24	41 31		
18	51 32	40 20	55 39	53 35	73 38	60 42	81 52	61 54	64 37	60 38	34 15	36 26		
19	46 25	40 30	46 35	52 32	54 33	59 46	85 55	57 53	68 33	67 33	36 12	42 26		
20	47 25	36 21	40 27	52 28	52 30	67 49	89 55	65 49	68 35	68 44	32 23	42 28		
21	37 20	29 18	39 25	57 26	61 38	72 42	89 56	71 47	72 35	70 39	38 19	44 32		
22	35 15	40 22	40 30	62 33	63 35	79 41	84 55	79 59	77 34	43 30	35 20	41 33		
23	47 22	43 19	41 30	52 36	68 40	80 59	87 56	75 54	82 41	39 24	46 28	37 22		
24	52 35	44 21	47 34	54 30	52 27	67 41	90 55	67 43	80 40	41 23	45 34	48 30		
25	55 44	43 18	44 26	45 31	59 21	60 40	90 56	79 37	76 42	47 28	40 22	41 27		
26	49 15	37 20	32 23	41 32	58 28	72 42	92 57	83 44	73 40	46 31	45 33	48 37		
27	26 15	42 28	28 19	51 33	64 38	62 40	102 58	87 60	75 38	45 31	38 26	37 30		
28	30 13	56 36	34 12	45 27	64 41	69 33	94 64	68 46	76 39	46 32	26 16	44 30		
29	28 5		50 27	51 25	73 37	73 38	80 54	76 40	70 45	60 29	33 15	50 35		
30	24 4		54 35	54 27	76 41	84 46	67 43	60 41	73 37	50 39	46 20	46 24		
31	30 7		38 26		76 46		72 44	66 40		52 32		26 17		
AV.	38 21	40 26	45 28	44 29	64 36	73 44	87 56	79 50	76 43	59 36	46 27	44 31		
MAX	29 3	33 4	36 6	38 6	49 9	58 7	71 9	64 2	59 7	47 5	36 7	37 7		
STA AV	37 21	45 26	48 26	54 29	67 39	75 47	86 52	85 51	73 43	61 33	48 27	36 23		

NOTES: Temperature data taken from hygrothermograph record at station 076159. STA AV is average for 13 yr (1963-75) record period.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO WATERSHED W-1 (036068)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.02	0.04	0.15	0.0 T	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.05
2	0.0	0.14	0.04	0.0 T	0.0 T	0.51	0.0 T	0.0	0.0	0.0	0.0 T	0.0 T
3	0.0	0.03	0.0 T	0.55	0.13	0.03	0.0	0.0	0.0	0.0	0.0	0.0
4	0.12	0.05	0.0	0.03	0.10	0.0 T	0.01	0.0	0.0	0.0	0.0	0.27
5	0.39	0.0	0.0 T	0.05	0.08	0.0 T	0.03	0.0	0.0	0.0	0.0 T	0.09
6	0.20	0.0 T	0.0	0.01	0.03	0.0 T	0.01	0.0	0.0	1.45	0.04	0.51
7	0.09	0.03	0.10	0.05	0.04	0.0 T	0.0 T	0.0	0.0	0.20	0.15	0.01
8	0.18	0.03	0.15	0.06	0.0 T	0.0 T	0.06	0.0	0.0	0.01	0.0	0.0
9	0.17	0.22	0.16	0.20	0.0 T	0.0	0.06	0.0	0.0	0.0 T	0.0 T	0.0
10	0.11	0.16	0.03	0.60	0.0 T	0.0	0.02	0.0	0.0	0.02	0.05	0.0
11	0.0 T	0.0 T	0.01	0.02	0.09	0.0 T	0.10	0.0	0.0	0.24	0.0	0.05
12	0.0	0.52	0.0	0.0 T	0.0 T	0.0	0.02	0.0	0.0	0.06	0.0	0.19
13	0.0 T	0.52	0.0 T	0.01	0.0	0.0 T	0.0 T	0.0 T	0.0	0.04	0.0	0.10
14	0.0	0.08	0.0 T	0.07	0.0 T	0.0	0.05	0.0	0.15	0.0 T	0.0 T	0.0 T
15	0.0	0.0 T	0.01	0.02	0.0 T	0.0	0.0	0.0 T	0.01	0.0	0.15	0.04
16	0.01	0.05	0.15	0.0 T	0.0 T	0.0 T	0.0	0.0 T	0.0 T	0.0	0.03	0.0 T
17	0.0 T	0.0 T	0.21	0.0 T	0.0	0.13	0.0 T	0.10	0.0	0.0	0.02	0.0
18	0.0	0.0 T	0.49	0.0 T	0.0 T	0.58	0.0	0.15	0.0	0.0	0.0 T	0.0
19	0.0 T	0.49	0.43	0.05	0.12	0.24	0.0 T	0.45	0.0	0.0	0.0	0.0
20	0.0	0.08	0.03	0.0 T	0.05	0.11	0.17	0.03	0.0	0.0 T	0.13	0.0
21	0.0	0.0 T	0.23	0.06	0.0 T	0.0 T	0.63	0.03	0.0	0.69	0.0 T	0.0
22	0.0	0.0 T	0.08	0.0 T	0.0	0.0 T	0.0 T	0.0 T	0.0	0.11	0.09	0.02
23	0.08	0.0	0.08	0.11	0.14	0.0 T	0.0 T	0.11	0.0	0.01	0.0 T	0.0 T
24	0.21	0.0 T	0.26	0.31	0.0 T	0.40	0.0	0.0 T	0.0	0.0 T	0.03	0.0 T
25	0.0 T	0.0 T	0.57	0.01	0.0	0.0 T	0.0	0.0	0.0	0.47	0.0 T	0.0 T
26	0.11	0.06	0.0 T	0.44	0.0 T	0.0 T	0.0	0.0 T	0.0	0.72	0.21	0.22
27	0.0 T	0.11	0.0 T	0.02	0.0	0.0 T	0.0 T	0.01	0.0	0.09	0.06	0.0 T
28	0.0 T	0.25	0.0 T	0.0 T	0.0 T	0.0	0.0	0.01	0.0	0.0 T	0.04	0.0 T
29	0.01		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.03	0.01
30	0.0 T		0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.04	0.33	0.08
31	0.0 T		0.01		0.0 T		0.0	0.0		0.0		0.04
TOTAL	1.70	2.86	3.19	2.67	0.78	1.60	1.20	0.89	0.16	4.15	1.36	1.72
STA AV	2.99	1.44	2.15	1.66	0.80	1.63	0.45	0.75	0.83	1.79	2.15	2.41

NOTES: Values are Thiessen weighted average 'Actual' amounts from 45 recording pairs of gages (shielded and unshielded). 'Actual' amounts were computed as per relationship developed by W. R. Hamon, "Computing Actual Precipitation", Proceedings of WHO-IDHS Symposium, Geilo, Norway, August, 1972. The equation used is:  $\log_e (U/A) = \log_e (U/S) \times 1.80$ , where U = unshielded catchment, S = shielded catchment, and A = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO WATERSHED W-1 (036068)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.01	0.02	0.13	0.0 T	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.05
2	0.0	0.07	0.04	0.0 T	0.0 T	0.48	0.0 T	0.0	0.0	0.0	0.0 T	0.0 T
3	0.0	0.02	0.0 T	0.28	0.06	0.03	0.0	0.0	0.0	0.0	0.0	0.0
4	0.06	0.03	0.0	0.01	0.05	0.0 T	0.01	0.0	0.0	0.0	0.0	0.22
5	0.19	0.0	0.0 T	0.02	0.04	0.0 T	0.03	0.0	0.0	0.0	0.0 T	0.07
6	0.08	0.0	0.0	0.0 T	0.01	0.0 T	0.01	0.0	0.0	1.34	0.03	0.43
7	0.04	0.02	0.07	0.02	0.02	0.0 T	0.0 T	0.0	0.0	0.17	0.12	0.01
8	0.08	0.02	0.11	0.03	0.0	0.0 T	0.05	0.0	0.0	0.01	0.0	0.0
9	0.06	0.14	0.11	0.10	0.0 T	0.0	0.05	0.0	0.0	0.0 T	0.0 T	0.0
10	0.04	0.09	0.02	0.40	0.0 T	0.0	0.02	0.0	0.0	0.01	0.04	0.0
11	0.0	0.0 T	0.01	0.01	0.06	0.0 T	0.09	0.0	0.0	0.21	0.0	0.03
12	0.0	0.34	0.0	0.0 T	0.0	0.0	0.02	0.0	0.0	0.05	0.0	0.11
13	0.0 T	0.35	0.0 T	0.01	0.0	0.0 T	0.0 T	0.0 T	0.0	0.04	0.0	0.06
14	0.0	0.05	0.0 T	0.04	0.0 T	0.0	0.08	0.0	0.14	0.0 T	0.0 T	0.0 T
15	0.0	0.0 T	0.0 T	0.02	0.0 T	0.0	0.0	0.0 T	0.01	0.0	0.12	0.02
16	0.01	0.02	0.08	0.0 T	0.0 T	0.0 T	0.0	0.0 T	0.0 T	0.0	0.02	0.0 T
17	0.0 T	0.0	0.11	0.0 T	0.0	0.11	0.0 T	0.09	0.0	0.0	0.01	0.0
18	0.0	0.0 T	0.35	0.0 T	0.0 T	0.33	0.0	0.14	0.0	0.0	0.0 T	0.0
19	0.0 T	0.31	0.30	0.03	0.06	0.21	0.0 T	0.42	0.0	0.0	0.0	0.0
20	0.0	0.04	0.02	0.0 T	0.03	0.10	0.16	0.02	0.0	0.0	0.07	0.0
21	0.0	0.0 T	0.13	0.05	0.0 T	0.0 T	0.60	0.03	0.0	0.57	0.0 T	0.0
22	0.0	0.0	0.04	0.0 T	0.0	0.0 T	0.0 T	0.0 T	0.0	0.08	0.05	0.01
23	0.06	0.0	0.04	0.08	0.12	0.0 T	0.0	0.10	0.0	0.01	0.0 T	0.0 T
24	0.16	0.0	0.17	0.21	0.0 T	0.36	0.0	0.0 T	0.0	0.0 T	0.02	0.0 T
25	0.0 T	0.0	0.39	0.01	0.0	0.0 T	0.0	0.0	0.0	0.40	0.0 T	0.0 T
26	0.08	0.05	0.0 T	0.24	0.0 T	0.0 T	0.0	0.0 T	0.0	0.62	0.11	0.15
27	0.0 T	0.09	0.0 T	0.01	0.0	0.0	0.0 T	0.01	0.0	0.07	0.03	0.0
28	0.0 T	0.21	0.0 T	0.0 T	0.0 T	0.0	0.0	0.01	0.0	0.0 T	0.02	0.0 T
29	0.0 T		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01
30	0.0 T		0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.03	0.18	0.05
31	0.0 T		0.01		0.0 T		0.0	0.0		0.0		0.02
TOTAL	0.87	1.87	2.13	1.57	0.45	1.62	1.12	0.82	0.15	3.61	0.83	1.24
STA AV												

NOTES: Values are Thiessen weighted average amounts from 45 unshielded recording gages. STA AV do not apply to unshielded rain gage records.



1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO WATERSHED #1 (036068)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.02	0.03	0.14	0.0 T	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.07
2	0.0	0.10	0.04	0.0 T	0.0 T	0.50	0.0 T	0.0	0.0	0.0	0.0 T	0.0 T
3	0.0	0.03	0.0 T	0.41	0.09	0.03	0.0	0.0	0.0	0.0	0.0	0.0
4	0.08	0.04	0.0	0.02	0.07	0.0 T	0.01	0.0	0.0	0.0	0.0	0.25
5	0.28	0.0	0.0 T	0.03	0.06	0.0 T	0.03	0.0	0.0	0.0	0.0 T	0.08
6	0.14	0.0 T	0.0	0.01	0.02	0.0 T	0.01	0.0	0.0	1.40	0.04	0.48
7	0.06	0.02	0.09	0.03	0.03	0.0 T	0.0 T	0.0	0.0	0.19	0.14	0.01
8	0.12	0.03	0.13	0.04	0.0 T	0.0 T	0.05	0.0	0.0	0.01	0.0	0.0
9	0.11	0.18	0.13	0.15	0.0 T	0.0	0.06	0.0	0.0	0.0 T	0.0 T	0.0
10	0.07	0.12	0.03	0.50	0.0 T	0.0	0.02	0.0	0.0	0.02	0.04	0.0
11	0.0 T	0.0 T	0.01	0.01	0.07	0.0 T	0.10	0.0	0.0	0.22	0.0	0.04
12	0.0	0.43	0.0	0.0 T	0.0 T	0.0	0.02	0.0	0.0	0.05	0.0	0.15
13	0.0 T	0.43	0.0 T	0.01	0.0	0.0 T	0.0 T	0.0 T	0.0	0.04	0.0	0.08
14	0.0	0.07	0.0 T	0.06	0.0 T	0.0	0.05	0.0	0.15	0.0 T	0.0 T	0.0 T
15	0.0	0.0 T	0.01	0.02	0.0 T	0.0	0.0	0.0 T	0.01	0.0	0.13	0.03
16	0.01	0.03	0.11	0.0 T	0.0 T	0.0 T	0.0	0.0 T	0.0 T	0.0	0.03	0.0 T
17	0.0 T	0.0 T	0.16	0.0 T	0.0	0.12	0.0 T	0.09	0.0	0.0	0.01	0.0
18	0.0	0.0 T	0.42	0.0 T	0.0 T	0.36	0.0	0.15	0.0	0.0	0.0 T	0.0
19	0.0 T	0.40	0.37	0.04	0.09	0.23	0.0 T	0.44	0.0	0.0 T	0.0	0.0
20	0.0	0.06	0.02	0.0 T	0.04	0.10	0.17	0.03	0.0	0.0	0.10	0.0
21	0.0	0.0 T	0.18	0.05	0.0 T	0.0 T	0.61	0.03	0.0	0.64	0.0 T	0.0
22	0.0	0.0 T	0.06	0.0 T	0.0	0.0 T	0.0 T	0.0 T	0.0	0.10	0.07	0.02
23	0.07	0.0	0.06	0.05	0.13	0.0 T	0.0	0.10	0.0	0.01	0.0 T	0.0 T
24	0.19	0.0 T	0.22	0.26	0.0 T	0.38	0.0	0.0 T	0.0	0.0 T	0.02	0.0 T
25	0.0 T	0.0 T	0.48	0.01	0.0	0.0 T	0.0	0.0	0.0	0.44	0.0 T	0.0 T
26	0.10	0.06	0.0 T	0.33	0.0 T	0.0 T	0.0	0.0 T	0.0	0.68	0.16	0.19
27	0.0 T	0.10	0.0 T	0.02	0.0	0.0 T	0.0 T	0.01	0.0	0.08	0.04	0.0 T
28	0.0 T	0.23	0.0 T	0.0 T	0.0 T	0.0	0.0	0.01	0.0	0.0 T	0.03	0.0 T
29	0.01		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.02	0.01
30	0.0 T		0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0	0.03	0.25	0.06
31	0.0 T		0.01		0.0 T		0.0	0.0		0.0		0.03
TOTAL	1.26	2.36	2.67	2.09	0.60	1.72	1.17	0.66	0.16	3.91	1.08	1.50
STA AV												

NOTES: Values are Thiessen weighted average amounts from 45 shielded recording gages. STA AV do not apply to shielded rain gage records.

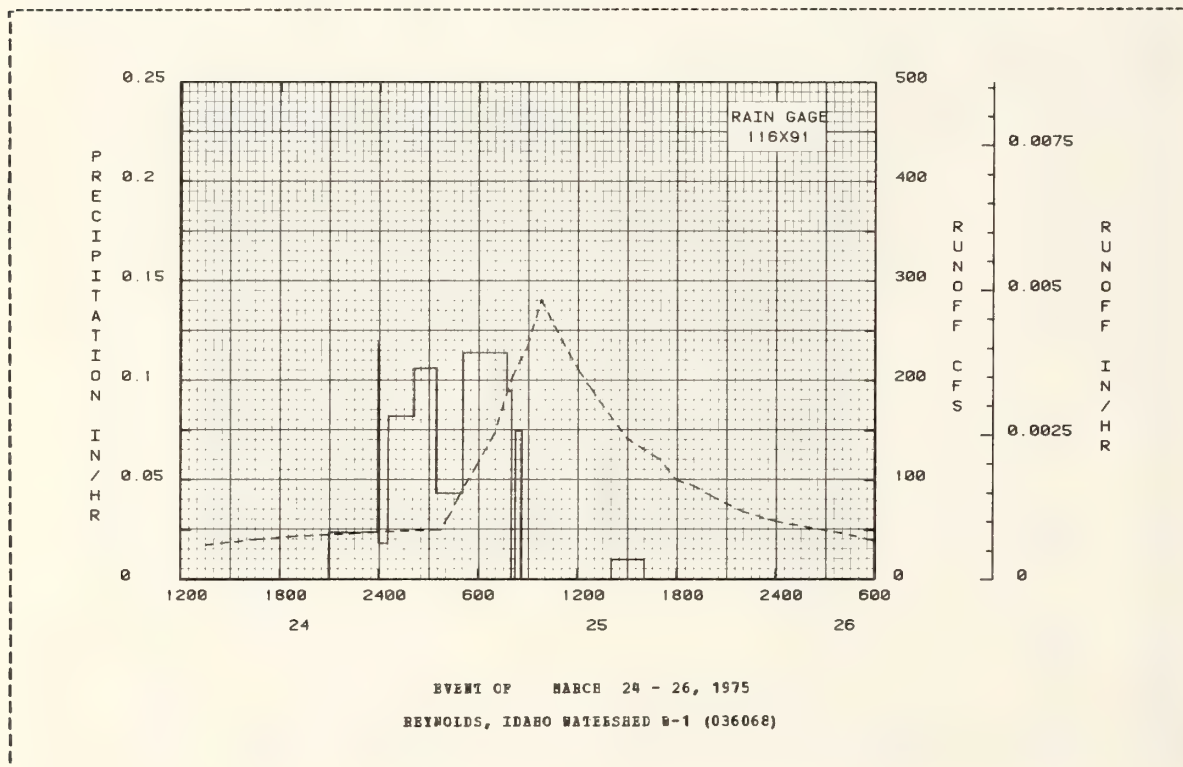
1975 MEAN DAILY DISCHARGE (cfs) REYNOLDS, IDAHO WATERSHED #1 (036068)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.01	11.58	106.80	28.95	62.56	121.60	19.12	4.27	2.10	1.51	8.91	14.09
2	4.19	9.67	102.03	30.55	74.66	160.73	21.50	4.27	2.32	1.77	8.52	15.80
3	4.15	7.50	58.36	30.91	80.64	176.44	22.62	4.27	1.97	1.66	8.48	13.22
4	4.38	7.36	45.90	29.81	65.43	147.64	22.01	4.27	1.75	1.53	8.66	13.14
5	8.13	7.37	42.88	29.58	55.70	141.08	22.65	4.27	1.72	1.56	8.72	20.52
6	11.17	6.82	39.19	29.10	53.02	135.36	21.75	4.27	1.64	2.40	8.74	56.31
7	5.43	7.81	37.12	29.23	45.23	118.87	17.95	3.42	1.54	6.67	9.15	42.04
8	8.90	7.67	47.54	27.71	45.71	99.49	17.09	2.58	1.49	3.73	6.89	28.78
9	4.37	10.72	46.07	27.65	69.54	85.66	19.64	2.54	1.63	4.08	7.66	24.61
10	4.75	11.36	37.93	32.68	118.38	68.02	18.54	2.63	1.59	4.59	7.94	23.12
11	4.44	8.39	32.85	41.42	135.51	55.48	19.05	2.65	1.47	5.30	6.17	20.66
12	4.42	23.34	26.15	57.49	117.05	53.51	19.35	2.34	1.40	6.05	5.37	20.82
13	4.27	112.32	24.40	71.74	130.51	52.01	17.57	2.38	1.45	5.07	6.32	15.00
14	4.52	33.97	21.56	78.65	166.86	45.56	15.54	2.22	1.56	4.77	7.24	14.06
15	5.06	21.45	19.93	63.90	179.56	44.78	13.63	2.41	1.71	4.60	7.01	15.57
16	5.40	16.90	21.15	56.09	166.16	41.49	12.40	2.23	1.56	4.82	8.42	16.42
17	6.77	15.69	18.29	55.46	145.65	41.69	10.96	2.21	1.47	4.73	7.90	13.58
18	8.52	14.58	31.52	56.58	140.34	42.57	9.04	2.00	1.48	4.44	5.75	12.67
19	7.64	17.89	106.48	65.40	132.22	43.12	8.02	2.18	1.48	4.49	4.79	11.70
20	7.14	18.59	71.90	70.32	93.52	40.11	7.48	1.49	1.62	4.44	7.23	13.88
21	6.60	12.01	52.80	73.12	87.15	34.35	22.32	1.16	1.79	4.68	7.76	13.88
22	5.50	14.92	44.48	84.03	76.06	32.58	25.91	1.73	1.97	10.15	7.29	13.77
23	7.35	12.54	38.01	87.95	86.06	32.61	12.11	1.70	1.88	6.92	7.48	13.77
24	28.49	11.05	39.64	85.73	78.43	34.42	9.45	1.61	1.99	5.86	7.48	13.60
25	40.40	9.80	125.74	100.04	73.27	32.88	8.80	1.60	1.96	7.66	7.31	12.18
26	21.70	9.92	57.71	81.54	73.61	29.04	8.28	1.72	1.95	43.23	7.87	14.63
27	11.22	16.54	40.17	83.65	74.83	25.37	7.82	1.86	2.05	16.89	7.84	13.85
28	10.86	188.30	40.51	69.91	83.16	24.70	5.61	1.57	2.02	12.26	6.28	11.52
29	7.49		38.03	55.69	94.30	24.14	4.27	1.60	1.95	10.55	5.01	12.37
30	6.91		43.57	53.22	105.79	23.13	4.27	1.74	1.97	10.22	7.97	11.46
31	7.68		38.25		112.85		4.27	2.26		9.88		9.04
MEAN	8.737	23.073	48.290	56.267	97.566	66.574	14.487	2.457	1.749	7.004	7.472	17.770
INCHES	0.112	0.266	0.618	0.697	1.248	0.829	0.185	0.032	0.022	0.090	0.092	0.227
STA AV	0.476	0.290	0.525	0.612	0.652	0.547	0.054	0.023	0.015	0.030	0.054	0.206

NOTES: To convert CFS to IN/DAY, multiply by 0.000413. STA AV based on 13 yr (1963-75) record period.



1975 SELECTED RUNOFF EVENT			REYNOLDS, IDAHO WATERSHED W-1 (03606E)							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 24 - 26, 1975										
RG 116X91			FG 116X91							
3-24	0.05	0.009	3-24	2059	0.0	0.0	3-24	1332	35.257	0.0
				2355	0.0239	0.07		1638	40.856	0.0020
				2400	0.1200	0.08		1906	44.114	0.0038
			3-25	33	0.0182	0.05		2224	46.626	0.0064
				208	0.0621	0.22		2400	48.350	0.0077
WATERSHED CONDITIONS: The event is combined rain and snowmelt.				327	0.1063	0.36	3-25	344	50.560	0.0109
				504	0.0433	0.43		424	68.942	0.0116
				742	0.1139	0.73		458	68.629	0.0123
				801	0.0947	0.76		604	119.525	0.0143
				815	0.0	0.76		700	148.575	0.0164
				839	0.0750	0.75		732	177.855	0.0179
				1405	0.0	0.79		802	203.872	0.0196
				1603	0.0102	0.81		858	234.763	0.0231
								946	281.138	0.0267
								1100	241.064	0.0322
							1204	209.593	0.0363	
							1304	165.200	0.0397	
							1458	142.243	0.0451	
							1700	120.320	0.0496	
							1758	100.101	0.0515	
								1900	54.585	0.0532
								2030	80.479	0.0555
								2158	68.942	0.0573
								2400	58.550	0.0596
							3-26	402	46.626	0.0632
								700	38.960	0.0654

NOTES: To convert CFS to IN/HR, multiply by 0.00001719.



## REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)

LOCATION: Cwyhee County, Idaho; 34 miles south of Nampa; east flowing tributary to Reynolds Creek, Snake River Basin.  
Lat. 43 deg. 15 min. 21 sec. N.; Long. 116 deg. 45 min. 10 sec. W.

AREA: 8990.00 acres 14.05 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)								REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.74	2.41	3.31	3.26	1.21	2.25	0.86	0.80	0.22	5.20	1.15	2.04	24.45					
	Q	0.156	0.392	0.859	0.802	0.848	0.188	0.041	0.011	0.010	0.144	0.107	0.243	3.840					
STA AV	P	3.15	1.47	2.40	2.09	1.03	2.02	0.34	0.69	1.07	2.06	2.43	2.54	21.27					
	Q	0.721	0.372	0.630	0.517	0.323	0.132	0.027	0.025	0.019	0.053	0.052	0.182	3.057					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		3-25	0.010	2-28	0.010	2-28	0.015	2-28	0.045	2-28	0.075	2-28	0.121	2-28	0.168	3-19	0.353		
MAXIMUMS FOR PERIOD OF RECORD																			
		8-23 1965	0.073	8-23 1965	0.044	8-23 1965	0.056	1-20 1969	0.115	1-28 1965	0.208	1-28 1965	0.375	1-28 1965	0.766	1-28 1965	1.455		

NOTES: Watershed conditions: Predominantly sagebrush rangeland, 99%; irrigated pasture and hay crops, 1%. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 68, 2-7. Records began 1963. Precipitation: Thiessen weighted average 'Computed Actual' amounts from 9 rain gages. Station average precipitation amounts are based on 1968-75 data. Station average runoff amounts are based on record period (1963-75). For long-time precipitation records, see National Weather Service records at Boise, Idaho; 50 miles N.W. of watershed.

1975 DAILY PRECIPITATION (inches)														REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
1	0.04	0.07	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03												
2	0.0	0.06	0.07	0.0	0.0	0.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
3	0.0	0.0	0.0	0.50	0.15	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
4	0.09	0.08	0.0	0.01	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35												
5	0.33	0.0	0.0	0.04	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07												
6	0.22	0.0	0.0	0.01	0.09	0.0	0.0	0.0	0.0	0.0	1.81	0.0	0.66												
7	0.08	0.07	0.05	0.07	0.12	0.0	0.0	0.0	0.0	0.0	0.21	0.16	0.01												
8	0.23	0.03	0.22	0.07	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0												
9	0.15	0.16	0.05	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0												
10	0.15	0.06	0.06	0.87	0.01	0.0	0.01	0.0	0.0	0.0	0.02	0.03	0.0												
11	0.0	0.0	0.02	0.01	0.14	0.0	0.03	0.0	0.0	0.25	0.0	0.03													
12	0.0	0.34	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.08	0.0	0.17													
13	0.0	0.43	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.17													
14	0.0	0.11	0.0	0.07	0.0	0.0	0.06	0.0	0.22	0.0	0.0	0.0													
15	0.0	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.27	0.02													
16	0.01	0.05	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0													
17	0.0	0.11	0.11	0.01	0.0	0.14	0.0	0.10	0.0	0.0	0.0	0.0													
18	0.0	0.0	0.49	0.0	0.0	0.46	0.0	0.16	0.0	0.0	0.0	0.0													
19	0.0	0.36	0.61	0.07	0.09	0.25	0.0	0.42	0.0	0.0	0.0	0.0													
20	0.0	0.02	0.03	0.0	0.06	0.21	0.11	0.06	0.0	0.0	0.11	0.0													
21	0.0	0.01	0.29	0.0	0.0	0.01	0.61	0.0	0.0	1.11	0.0	0.0													
22	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.12	0.05													
23	0.10	0.0	0.06	0.06	0.20	0.0	0.0	0.06	0.0	0.02	0.0	0.0													
24	0.23	0.0	0.33	0.37	0.01	0.57	0.0	0.0	0.0	0.0	0.01	0.0													
25	0.0	0.0	0.61	0.02	0.0	0.0	0.0	0.0	0.0	0.62	0.0	0.0													
26	0.10	0.08	0.0	0.82	0.0	0.0	0.0	0.0	0.0	0.77	0.11	0.36													
27	0.0	0.15	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.08	0.03	0.0													
28	0.0	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0													
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0													
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.19	0.06													
31	0.01		0.01		0.0	0.0	0.0	0.0		0.0		0.06													
TOTAL	1.74	2.41	3.31	3.26	1.21	2.25	0.86	0.60	0.22	5.20	1.15	2.04													
STA AV	3.15	1.47	2.40	2.09	1.03	2.02	0.34	0.69	1.07	2.06	2.43	2.54													

NOTES: Values are Thiessen weighted average 'Actual' amounts from 9 recording pairs of gages (shielded and unshielded). 'Actual' amounts were computed as per relationship developed by W. B. Hamon, "Computing Actual Precipitation", Proceedings WMO-IBHS Symposium, Gailo, Norway, August, 1972. The equation used is:  $\log_e (O/S) = 1.80$ , where  $O$  = unshielded catchment,  $S$  = shielded catchment, and  $A$  = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period. For temperature information, see table of daily maximum and minimum values included for Watershed 68.001.

1975	DAILY PRECIPITATION (inches)					REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.02	0.04	0.05	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.01
2	0.0	0.03	0.06	0.0	0.0	0.53	0.0 T	0.0	0.0	0.0	0.0	0.0 T
3	0.0	0.0	0.0	0.22	0.06	0.05	0.0	0.0	0.0	0.0	0.0	0.0
4	0.05	0.04	0.0	0.01	0.05	0.0	0.0 T	0.0	0.0	0.0	0.0	0.28
5	0.17	0.0	0.0	0.02	0.08	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.05
6	0.09	0.0	0.0	0.0 T	0.04	0.0	0.0 T	0.0	0.0	1.75	0.0 T	0.57
7	0.04	0.03	0.08	0.02	0.07	0.0 T	0.0	0.0	0.0	0.19	0.11	0.01
8	0.09	0.02	0.18	0.03	0.0	0.0 T	0.03	0.0	0.0	0.0 T	0.0	0.0
9	0.07	0.12	0.04	0.10	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0
10	0.06	0.05	0.04	0.56	0.0 T	0.0	0.01	0.0	0.0	0.02	0.03	0.0
11	0.0	0.0 T	0.01	0.01	0.11	0.0	0.03	0.0	0.0	0.22	0.0	0.02
12	0.0	0.28	0.0	0.0 T	0.0	0.0	0.01	0.0	0.0	0.07	0.0	0.09
13	0.0	0.35	0.0	0.01	0.0	0.0	0.0	0.0 T	0.0	0.10	0.0	0.10
14	0.0	0.08	0.0	0.05	0.0	0.0	0.05	0.0	0.19	0.0	0.0	0.0 T
15	0.0	0.0	0.0 T	0.01	0.0 T	0.0	0.0	0.0	0.0	0.0	0.20	0.01
16	0.0 T	0.03	0.09	0.0 T	0.0 T	0.0 T	0.0	0.0 T	0.0	0.0	0.01	0.0
17	0.0	0.0	0.07	0.01	0.0	0.11	0.0 T	0.09	0.0	0.0	0.0 T	0.0
18	0.0	0.0	0.38	0.0 T	0.0 T	0.42	0.0	0.15	0.0	0.0	0.0 T	0.0
19	0.0	0.27	0.43	0.06	0.05	0.22	0.0	0.40	0.0	0.0	0.0	0.0
20	0.0	0.01	0.02	0.0 T	0.03	0.20	0.10	0.05	0.0	0.0	0.07	0.0
21	0.0	0.0 T	0.16	0.0 T	0.0	0.01	0.60	0.0	0.0	0.96	0.0	0.0
22	0.0	0.0	0.04	0.0 T	0.0	0.0 T	0.0 T	0.0	0.0	0.07	0.08	0.03
23	0.08	0.0	0.03	0.04	0.14	0.0	0.0	0.06	0.0	0.02	0.0	0.0 T
24	0.18	0.0	0.24	0.22	0.0 T	0.55	0.0	0.0 T	0.0	0.0	0.0 T	0.0
25	0.0 T	0.0	0.46	0.01	0.0	0.0 T	0.0	0.0	0.0	0.54	0.0	0.0
26	0.07	0.07	0.0 T	0.43	0.0	0.0 T	0.0	0.0 T	0.0	0.70	0.06	0.27
27	0.0 T	0.13	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.07	0.01	0.0
28	0.0	0.29	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.03	0.0 T
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0 T
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.09	0.05
31	0.0 T	0.0	0.01	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.04
TOTAL	0.52	1.84	2.39	1.32	0.63	2.09	0.83	0.75	0.19	4.73	0.70	1.53
STA AV												

NOTES: Values are Thiessen weighted average amounts from 5 unshielded recording gages. STA AV do not apply to unshielded rain gage records.

1975	DAILY PRECIPITATION (inches)					REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.03	0.06	0.05	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.02
2	0.0	0.05	0.06	0.0	0.0	0.54	0.0 T	0.0	0.0	0.0	0.0	0.0 T
3	0.0	0.0 T	0.0	0.36	0.10	0.05	0.0	0.0	0.0	0.0	0.0	0.0
4	0.07	0.06	0.0	0.01	0.08	0.0	0.0 T	0.0	0.0	0.0	0.0	0.32
5	0.25	0.0	0.0	0.03	0.14	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.06
6	0.15	0.0 T	0.0	0.0 T	0.06	0.0	0.0 T	0.0	0.0	1.78	0.0 T	0.62
7	0.06	0.05	0.09	0.04	0.10	0.0 T	0.0	0.0	0.0	0.20	0.14	0.01
8	0.15	0.02	0.20	0.05	0.0 T	0.0 T	0.03	0.0	0.0	0.0 T	0.0	0.0
9	0.10	0.14	0.05	0.16	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0
10	0.10	0.05	0.05	0.70	0.0 T	0.0	0.01	0.0	0.0	0.02	0.03	0.0
11	0.0 T	0.0 T	0.01	0.01	0.12	0.0	0.03	0.0	0.0	0.24	0.0	0.02
12	0.0	0.31	0.0	0.0 T	0.0	0.0	0.01	0.0	0.0	0.08	0.0	0.13
13	0.0	0.40	0.0	0.01	0.0	0.0	0.0	0.0 T	0.0	0.11	0.0	0.14
14	0.0	0.10	0.0	0.06	0.0	0.0	0.06	0.0	0.21	0.0	0.0	0.0 T
15	0.0	0.0	0.0 T	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.23	0.01
16	0.01	0.04	0.11	0.0 T	0.0 T	0.0 T	0.0	0.0 T	0.0	0.0	0.01	0.0 T
17	0.0 T	0.0	0.09	0.01	0.0	0.13	0.0 T	0.10	0.0	0.0	0.0 T	0.0
18	0.0	0.0	0.44	0.0 T	0.0 T	0.44	0.0	0.15	0.0	0.0	0.0 T	0.0
19	0.0	0.32	0.52	0.06	0.07	0.24	0.0	0.41	0.0	0.0 T	0.0	0.0
20	0.0	0.02	0.03	0.0 T	0.04	0.20	0.10	0.05	0.0	0.0	0.09	0.0
21	0.0	0.01	0.22	0.0 T	0.0	0.01	0.61	0.0	0.0	1.03	0.0	0.0
22	0.0	0.0	0.06	0.0 T	0.0	0.01	0.0 T	0.0	0.0	0.08	0.10	0.04
23	0.09	0.0	0.05	0.05	0.18	0.0	0.0	0.06	0.0	0.02	0.0	0.0 T
24	0.21	0.0	0.29	0.29	0.01	0.56	0.0	0.0 T	0.0	0.0	0.0 T	0.0 T
25	0.0 T	0.0	0.54	0.01	0.0	0.0 T	0.0	0.0	0.0	0.58	0.0	0.0
26	0.09	0.08	0.0 T	0.61	0.0	0.0 T	0.0	0.0 T	0.0	0.74	0.08	0.32
27	0.0 T	0.14	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.08	0.02	0.0
28	0.0	0.31	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.05	0.0 T
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0 T
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.14	0.05
31	0.01	0.0	0.01	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.05
TOTAL	1.32	2.16	2.87	2.48	0.51	2.18	0.85	0.77	0.21	4.99	0.92	1.79
STA AV												

NOTES: Values are Thiessen weighted average amounts from 5 shielded recording gages. STA AV do not apply to shielded rain gage records.



1975 MEAN DAILY DISCHARGE (cfs) REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.443	1.943	17.944	6.837	12.454	3.716	1.153	0.154	0.211	0.148	2.145	1.829
2	1.814	2.227	14.748	6.382	13.004	4.365	1.090	0.187	0.195	0.136	1.982	1.683
3	1.814	2.021	11.171	7.030	14.335	4.555	0.558	0.183	0.167	0.129	1.836	1.612
4	1.814	1.913	5.477	6.384	13.791	3.849	0.776	0.170	0.138	0.124	1.759	1.612
5	1.804	1.789	8.197	6.058	12.536	3.344	0.674	0.154	0.114	0.135	1.702	2.318
6	1.381	1.712	7.216	5.613	12.067	2.916	0.549	0.118	0.110	0.410	1.621	10.747
7	1.263	1.905	6.800	6.077	11.750	2.304	0.626	0.100	0.101	1.198	1.687	7.467
8	1.622	1.799	8.133	5.244	11.686	2.358	0.592	0.054	0.089	0.580	1.630	5.485
9	0.996	2.329	8.174	5.230	13.159	1.568	0.568	0.067	0.088	0.551	1.436	4.618
10	1.308	2.207	7.314	6.039	18.024	2.063	0.538	0.046	0.074	0.754	1.450	3.901
11	1.307	1.865	6.314	8.802	20.852	2.031	0.732	0.041	0.078	0.873	1.268	3.578
12	1.362	4.803	5.536	12.575	17.537	1.560	0.750	0.044	0.082	0.505	1.178	3.304
13	1.313	19.544	5.164	14.747	16.648	2.067	0.718	0.050	0.091	0.508	1.212	2.616
14	1.311	7.221	4.670	15.646	15.272	1.566	0.435	0.043	0.137	0.850	1.255	1.778
15	1.358	5.556	4.368	13.952	14.146	1.861	0.459	0.039	0.139	0.512	1.228	3.074
16	1.371	4.358	4.267	11.295	12.612	1.702	0.495	0.040	0.104	0.885	1.438	2.692
17	1.833	4.847	3.812	9.678	9.450	1.823	0.332	0.060	0.100	0.661	1.245	2.305
18	2.633	4.034	6.257	9.639	8.677	2.345	0.114	0.152	0.126	0.789	0.842	2.020
19	2.385	4.385	21.066	10.574	5.184	2.322	0.074	0.249	0.117	0.807	0.557	1.504
20	2.374	3.735	15.372	12.532	8.274	1.850	0.090	0.178	0.113	0.789	1.121	1.894
21	2.029	3.139	12.021	10.762	6.586	2.351	1.260	0.157	0.120	0.929	1.077	2.121
22	1.986	3.678	10.065	11.449	6.072	2.120	0.773	0.137	0.135	2.869	1.124	2.510
23	2.294	3.596	8.962	11.957	5.424	1.834	0.295	0.167	0.126	1.675	1.165	2.586
24	7.276	2.715	5.524	12.154	5.485	2.451	0.252	0.168	0.133	1.335	1.178	2.449
25	7.982	3.029	34.902	12.532	5.165	2.354	0.239	0.169	0.138	2.293	1.159	1.898
26	5.053	2.735	20.046	11.787	4.974	1.522	0.233	0.160	0.121	15.361	1.227	2.647
27	2.734	4.183	16.474	14.523	4.733	1.763	0.213	0.160	0.135	5.147	1.210	2.649
28	4.279	44.826	11.275	13.447	4.442	1.719	0.204	0.175	0.150	3.796	1.048	2.363
29	4.188		8.150	12.890	4.265	1.548	0.166	0.191	0.148	3.075	0.752	2.596
30	2.149		8.921	12.653	3.993	1.363	0.135	0.183	0.152	2.707	1.328	2.256
31	1.640		7.924		3.616		0.128	0.198		2.382		1.265
MEAN	2.390	5.285	10.460	10.055	10.331	2.366	0.505	0.130	0.124	1.753	1.343	2.961
INCHES	0.196	0.392	0.859	0.802	0.848	0.188	0.041	0.011	0.010	0.144	0.107	0.242
STA AV	0.721	0.372	0.630	0.517	0.323	0.132	0.027	0.029	0.019	0.053	0.092	0.182

NOTES: To convert CPS to IN/DAY, multiply by 0.002648. STA AV amounts are based on 13 yr (1963-75) record period.

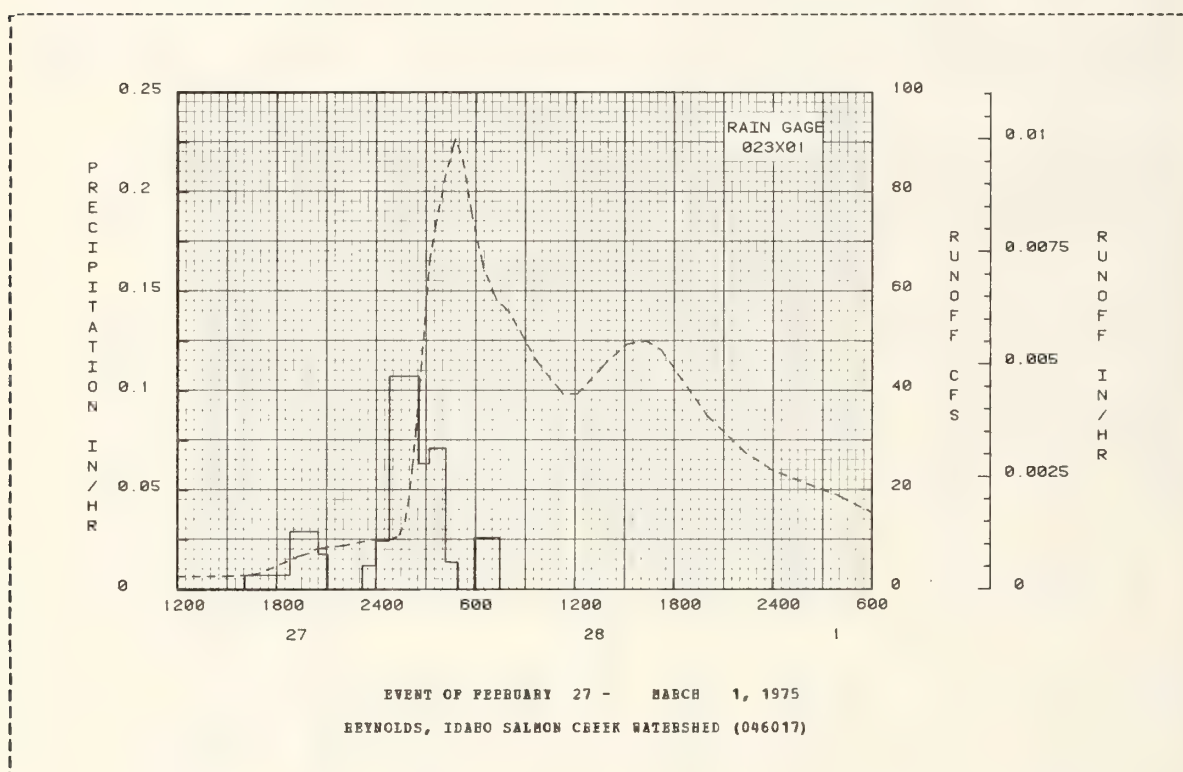
1975 SELECTED RUNOFF EVENT REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 27 - MARCH 1, 1975												
BG 023X01			EG 023X01									
2-27	0.02	0.003	2-27	1603	0.0	0.0	2-27	1038	2.727	0.0		
				1848	0.0073	0.02		1456	2.791	0.0013		
				2030	0.0294	0.07		1610	2.950	0.0017		
				2104	0.0176	0.08		1658	3.343	0.0020		
				2311	0.0	0.08		1916	6.718	0.0033		
WATERSHED CONDITIONS:				2400	0.0122	0.09		1954	7.376	0.0037		
The event is combined rain			2-28	49	0.0245	0.11		2024	8.222	0.0042		
and snowmelt.				235	0.1075	0.30		2108	8.669	0.0049		
				313	0.0632	0.34		2158	8.822	0.0057		
				412	0.0712	0.41		2318	9.760	0.0070		
				456	0.0136	0.42		2400	10.117	0.0078		
				556	0.0	0.42	2-28	58	10.117	0.0099		
				728	0.0261	0.46		116	10.639	0.0092		
								124	10.999	0.0094		
								146	13.871	0.0099		
								200	18.846	0.0103		
								214	26.185	0.0109		
								226	33.361	0.0115		
								244	45.853	0.0128		
								312	66.110	0.0157		
								338	74.524	0.0151		
								410	83.623	0.0237		
								444	90.686	0.0292		
								512	86.227	0.0337		
								548	74.524	0.0381		
								628	64.652	0.0442		
								714	58.355	0.0494		
								802	55.693	0.0544		
								942	45.853	0.0637		
								1118	39.268	0.0713		

NOTES: To convert CPS to IN/HR, multiply by .0001103.



1975 SELECTED RUNOFF EVENT			REYNOLDS, IDAHO SALMON CREEK WATERSHED (046017)								
ANTECEDENT CONDITIONS			RAINFALL			FONCFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 27 - MARCH 1, 1975 (CONTINUED)											
							2-28	1208	39.268	0.0749	
								1358	45.853	0.0835	
								1510	45.354	0.0858	
								1616	50.001	0.0558	
								1712	48.194	0.1005	
								1832	41.941	0.1075	
								2002	34.797	0.1138	
								2224	27.274	0.1215	
								2400	23.852	0.1265	
							3- 1	408	18.523	0.1361	
								814	15.341	0.1438	
								858	15.341	0.1445	
								1154	13.871	0.1497	

NOTES: To convert CFS to IN/HR, multiply by .0001103.



## REYNOLDS, IDABC BACKS CREEK WATERSHED (046084)

LOCATION: Cwyhee County, Idaho; 34 miles south of Nampa; east flowing tributary to Reynolds Creek, Snake River Basin.  
Lat. 43 deg. 14 min. 42 sec. N.; Long. 116 deg. 45 min. 30 sec. W.

AREA: 7846.00 acres 12.26 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						REYNOLDS, IDABC BACKS CREEK WATERSHED (046084)											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.64	2.62	2.72	2.52	0.50	1.90	1.82	0.74	0.29	4.39	1.23	1.90	23.07			
	Q	0.148	0.553	1.316	1.362	1.147	0.138	0.047	0.013	0.011	0.103	0.099	0.277	5.213			
STA AV	P	2.73	1.26	2.04	1.76	0.79	1.74	0.45	0.70	0.96	1.77	2.08	2.30	18.56			
	Q	0.595	0.296	0.755	0.546	0.228	0.070	0.015	0.004	0.003	0.015	0.034	0.122	2.683			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		2-28	0.018	2-28	0.018	2-28	0.033	2-28	0.066	2-28	0.146	2-28	0.235	2-28	0.314	2-27	0.550
MAXIMUMS FOR PERIOD OF RECORD																	
		1-21	0.039	1-21	0.037	1-20	0.065	1-20	0.123	1-20	0.254	1-20	0.457	1-20	0.649	2-27	1.015
		1965		1969		1969		1969		1965		1969		1965		1972	

NOTES: Watershed conditions: The watershed topography is steep, except in the lower valley, with numerous basalt outcrops at the higher elevations. 98% is sagebrush rangeland with a varying cover of sagebrush, bitterbrush, mountain mahogany and willow with a fair cover of forage plants such as cheatgrass, bluebunch wheatgrass, and Idaho fescue. 35% of area has a vegetative cover of 0-25%, 33% of the area has a vegetative cover of 26-50%, 18% of area has a vegetative cover of 51-75%, and 12% of the area has a vegetative cover of 76-100%. 2% of area is in pasture and haycrops which receives limited irrigation. For map of Watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, p. 68.3-4. Records began 1963. Precipitation: Thiessen weighted average 'Computed Actual' amounts from 12 rain gages. Station average precipitation amounts are based on 1968-75 record period. Station average streamflow amounts are based on 1963-75. For long-time precipitation records, see National Weather Service records at Boise, Idaho; 50 miles N.E. of watershed.

1975 DAILY PRECIPITATION (inches)													REYNOLDS, IDABC BACKS CREEK WATERSHED (046084)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
1	0.05	0.03	0.06	0.01	0.02	0.0 T	0.0	0.0	0.0	0.0	0.0	0.05													
2	0.0	0.07	0.03	0.0	0.01	0.43	0.0 T	0.0	0.0	0.0	0.0	0.0 T													
3	0.0	0.01	0.0 T	0.62	0.10	0.04	0.0	0.0	0.0	0.0	0.0	0.0													
4	0.08	0.04	0.0	0.02	0.02	0.0 T	0.02	0.0	0.0	0.0	0.0	0.34													
5	0.30	0.0	0.0	0.06	0.11	0.0	0.0 T	0.0	0.0	0.0	0.0	0.05													
6	0.25	0.0	0.0	0.02	0.04	0.0 T	0.02	0.0	0.0	1.68	0.02	0.67													
7	0.04	0.04	0.14	0.06	0.09	0.0	0.0 T	0.0	0.0	0.21	0.13	0.01													
8	0.16	0.04	0.22	0.08	0.0	0.0 T	0.06	0.0	0.0	0.01	0.0	0.0													
9	0.15	0.15	0.06	0.24	0.0	0.0	0.02	0.0	0.0	0.0	0.0 T	0.0													
10	0.14	0.08	0.03	0.68	0.0 T	0.0	0.01	0.0	0.0	0.01	0.02	0.0													
11	0.0	0.0 T	0.01	0.02	0.15	0.0	0.06	0.0	0.0	0.29	0.0	0.05													
12	0.0	0.41	0.0	0.01	0.01	0.0	0.0 T	0.0	0.0	0.03	0.0	0.12													
13	0.0 T	0.50	0.0 T	0.0 T	0.0	0.0	0.0	0.0 T	0.0	0.06	0.0	0.05													
14	0.0	0.06	0.0	0.03	0.01	0.0	0.13	0.0	0.29	0.0	0.0	0.0 T													
15	0.0	0.0 T	0.0 T	0.03	0.0 T	0.0	0.0	0.0	0.0 T	0.0	0.20	0.03													
16	0.01	0.06	0.09	0.0 T	0.0 T	0.0	0.0	0.0 T	0.0	0.0	0.02	0.0 T													
17	0.0 T	0.0 T	0.13	0.01	0.0	0.09	0.0 T	0.09	0.0	0.0	0.01	0.0													
18	0.0	0.0	0.47	0.0	0.01	0.47	0.0	0.14	0.0	0.0	0.0 T	0.0													
19	0.0 T	0.46	0.49	0.08	0.12	0.11	0.0 T	0.40	0.0	0.0	0.0	0.0													
20	0.0	0.04	0.01	0.0 T	0.04	0.34	0.0	0.04	0.0	0.0	0.16	0.0													
21	0.0	0.0	0.11	0.01	0.0	0.0 T	1.14	0.0 T	0.0	0.73	0.01	0.0													
22	0.0	0.0 T	0.03	0.0	0.0	0.0 T	0.0 T	0.0 T	0.0	0.11	0.13	0.04													
23	0.15	0.0	0.02	0.20	0.17	0.0	0.0	0.06	0.0	0.03	0.0 T	0.0 T													
24	0.24	0.0	0.24	0.32	0.0	0.45	0.0	0.0	0.0	0.0	0.02	0.01													
25	0.01	0.0	0.55	0.01	0.0	0.0 T	0.0	0.0	0.0	0.38	0.0	0.0 T													
26	0.06	0.10	0.0 T	0.37	0.0 T	0.0 T	0.0	0.0	0.0	0.67	0.13	0.31													
27	0.0	0.13	0.0	0.02	0.0	0.0 T	0.0	0.0	0.0	0.10	0.06	0.0 T													
28	0.0	0.40	0.01	0.02	0.0 T	0.0	0.0	0.01	0.0	0.0	0.04	0.0													
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.04	0.01													
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.24	0.06													
31	0.0 T		0.02		0.0		0.0	0.0		0.0		0.06													
TOTAL	1.64	2.62	2.72	2.92	0.50	1.50	1.82	0.74	0.29	4.39	1.23	1.90													
STA AV	2.73	1.26	2.04	1.76	0.79	1.74	0.45	0.70	0.96	1.77	2.08	2.30													

NOTES: Values are Thiessen weighted average 'actual' amounts from 12 recording pairs of gages (shielded and unshielded). 'Actual' amounts were computed as per relationship developed by W. B. Hanson, "Computing Actual Precipitation", Proceedings of WMO-IBHS Symposium, Geilo, Norway, August, 1972. The equation used is:  $\log_e (U/A) = \log_e (0/S) \times 1.80$ , where U = unshielded catchment, S = shielded catchment, and A = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period. For temperature information, see table of daily maximum and minimum values included for Watershed 68.001.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO BLACKS CREEK WATERSHED (046084)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.01	0.02	0.06	0.0 T	0.01	0.0 T	0.0	0.0	0.0	0.0	0.0	0.02
2	0.0	0.04	0.03	0.0	0.0 T	0.07	0.0 T	0.0	0.0	0.0	0.0 T	0.0 T
3	0.0	0.0 T	0.0 T	0.26	0.04	0.03	0.0	0.0	0.0	0.0	0.0	0.0
4	0.02	0.03	0.0	0.0 T	0.0 T	0.0 T	0.02	0.0	0.0	0.0	0.0	0.24
5	0.12	0.0	0.0	0.02	0.05	0.0	0.0 T	0.0	0.0	0.0	0.0 T	0.03
6	0.07	0.0	0.0	0.01	0.02	0.0 T	0.02	0.0	0.0	1.58	0.02	0.53
7	0.01	0.03	0.11	0.01	0.05	0.0	0.0 T	0.0	0.0	0.19	0.12	0.01
8	0.05	0.02	0.17	0.03	0.0	0.0 T	0.05	0.0	0.0	0.01	0.0	0.0
9	0.03	0.08	0.05	0.11	0.0	0.0	0.02	0.0	0.0	0.0	0.0 T	0.0
10	0.03	0.04	0.02	0.44	0.0 T	0.0	0.01	0.0	0.0	0.01	0.02	0.0
11	0.0	0.0 T	0.01	0.01	0.08	0.0	0.07	0.0	0.0	0.26	0.0	0.03
12	0.0	0.31	0.0	0.01	0.0	0.0	0.0 T	0.0	0.0	0.03	0.0	0.08
13	0.0 T	0.36	0.0 T	0.0 T	0.0	0.0	0.0	0.0 T	0.0	0.05	0.0	0.06
14	0.0	0.04	0.0	0.02	0.0 T	0.0	0.12	0.0	0.27	0.0	0.0	0.0 T
15	0.0	0.0	0.0 T	0.02	0.0 T	0.0	0.0	0.0	0.0 T	0.0	0.14	0.02
16	0.0 T	0.02	0.06	0.0 T	0.0 T	0.0	0.0	0.0 T	0.0	0.0	0.01	0.0
17	0.0 T	0.0	0.05	0.01	0.0	0.06	0.0 T	0.08	0.0	0.0	0.0 T	0.0
18	0.0	0.0	0.35	0.0	0.0 T	0.41	0.0	0.12	0.0	0.0	0.0 T	0.0
19	0.0 T	0.25	0.34	0.05	0.05	0.27	0.0 T	0.36	0.0	0.0	0.0	0.0
20	0.0	0.01	0.01	0.0 T	0.02	0.10	0.33	0.04	0.0	0.0	0.06	0.0
21	0.0	0.0	0.09	0.01	0.0	0.0 T	1.10	0.0 T	0.0	0.62	0.0 T	0.0
22	0.0	0.0	0.02	0.0	0.0	0.0 T	0.0 T	0.0 T	0.0	0.09	0.06	0.02
23	0.12	0.0	0.02	0.15	0.15	0.0	0.0	0.06	0.0	0.02	0.0 T	0.0 T
24	0.20	0.0	0.18	0.23	0.0	0.42	0.0	0.0	0.0	0.0	0.01	0.0 T
25	0.01	0.0	0.41	0.0 T	0.0	0.0 T	0.0	0.0	0.0	0.33	0.0	0.0 T
26	0.05	0.08	0.0 T	0.17	0.0 T	0.0 T	0.0	0.0	0.0	0.59	0.06	0.20
27	0.0	0.11	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.06	0.02	0.0
28	0.0	0.34	0.0 T	0.0 T	0.0 T	0.0	0.0	0.01	0.0	0.0	0.01	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0 T
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.10	0.04
31	0.0 T	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03
TOTAL	0.72	1.78	2.03	1.56	0.47	1.66	1.74	0.67	0.27	3.92	0.64	1.31
STA AV												

NOTES: Values are Thiessen weighted average amounts from 12 unshielded recording gages. STA AV do not apply to unshielded rain gage records.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO BLACKS CREEK WATERSHED (046084)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.03	0.03	0.06	0.0 T	0.01	0.0 T	0.0	0.0	0.0	0.0	0.0	0.04
2	0.0	0.06	0.03	0.0	0.01	0.41	0.0 T	0.0	0.0	0.0	0.0 T	0.0 T
3	0.0	0.01	0.0 T	0.42	0.07	0.04	0.0	0.0	0.0	0.0	0.0	0.0
4	0.05	0.03	0.0	0.01	0.01	0.0 T	0.02	0.0	0.0	0.0	0.0	0.29
5	0.20	0.0	0.0	0.03	0.08	0.0	0.0 T	0.0	0.0	0.0	0.0 T	0.04
6	0.14	0.0	0.0	0.01	0.03	0.0 T	0.02	0.0	0.0	1.64	0.02	0.60
7	0.03	0.03	0.13	0.04	0.07	0.0	0.0 T	0.0	0.0	0.20	0.13	0.01
8	0.09	0.03	0.20	0.05	0.0	0.0 T	0.06	0.0	0.0	0.01	0.0	0.0
9	0.08	0.12	0.05	0.18	0.0	0.0	0.02	0.0	0.0	0.0	0.0 T	0.0
10	0.08	0.06	0.03	0.57	0.0 T	0.0	0.01	0.0	0.0	0.01	0.02	0.0
11	0.0	0.0 T	0.01	0.02	0.11	0.0	0.07	0.0	0.0	0.28	0.0	0.04
12	0.0	0.36	0.0	0.01	0.0 T	0.0	0.0 T	0.0	0.0	0.03	0.0	0.10
13	0.0 T	0.43	0.0 T	0.0 T	0.0	0.0	0.0	0.0 T	0.0	0.06	0.0	0.08
14	0.0	0.05	0.0	0.03	0.01	0.0	0.12	0.0	0.29	0.0	0.0	0.0 T
15	0.0	0.0 T	0.0 T	0.02	0.0 T	0.0	0.0	0.0	0.0 T	0.0	0.17	0.03
16	0.01	0.04	0.07	0.0 T	0.0 T	0.0	0.0	0.0 T	0.0	0.0	0.02	0.0 T
17	0.0 T	0.0 T	0.12	0.01	0.0	0.08	0.0 T	0.09	0.0	0.0	0.01	0.0
18	0.0	0.0	0.41	0.0	0.01	0.45	0.0	0.13	0.0	0.0	0.0 T	0.0
19	0.0 T	0.35	0.42	0.08	0.08	0.30	0.0 T	0.39	0.0	0.0	0.0	0.0
20	0.0	0.02	0.01	0.0 T	0.02	0.11	0.34	0.04	0.0	0.0	0.11	0.0
21	0.0	0.0	0.10	0.01	0.0	0.0 T	1.12	0.0 T	0.0	0.68	0.01	0.0
22	0.0	0.0 T	0.03	0.0	0.0	0.0 T	0.0 T	0.0 T	0.0	0.10	0.09	0.03
23	0.14	0.0	0.02	0.18	0.16	0.0	0.0	0.06	0.0	0.03	0.0 T	0.0 T
24	0.22	0.0	0.21	0.27	0.0	0.44	0.0	0.0	0.0	0.0	0.02	0.01
25	0.01	0.0	0.48	0.0 T	0.0	0.0 T	0.0	0.0	0.0	0.36	0.0	0.0 T
26	0.05	0.09	0.0 T	0.27	0.0 T	0.0 T	0.0	0.0	0.0	0.64	0.09	0.26
27	0.0	0.12	0.0	0.01	0.0	0.0 T	0.0	0.0	0.0	0.09	0.04	0.0 T
28	0.0	0.37	0.0 T	0.01	0.0 T	0.0	0.0	0.01	0.0	0.0	0.03	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.02	0.01
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.16	0.05
31	0.0 T	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04
TOTAL	1.13	2.20	2.40	2.23	0.67	1.63	1.76	0.72	0.29	4.20	0.94	1.63
STA AV												

NOTES: Values are Thiessen weighted average amounts from 12 shielded recording gages. STA AV do not apply to shielded rain gage records.



1975 MEAN DAILY DISCHARGE (cfs) REYNOLDS, IDAHO HACKS CREEK WATERSHED (046020)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.473	0.839	26.133	8.829	17.479	2.149	0.693	0.180	0.121	0.130	1.393	2.913
2	0.328	1.091	21.505	8.196	19.605	2.804	0.638	0.165	0.142	0.138	1.298	2.775
3	0.319	1.042	14.779	6.522	20.346	3.868	0.547	0.151	0.145	0.138	1.256	2.166
4	0.325	0.993	11.677	8.013	18.397	3.042	0.457	0.142	0.144	0.138	1.268	2.150
5	0.577	0.900	10.147	7.064	16.844	2.835	0.407	0.131	0.145	0.138	1.253	3.525
6	1.027	0.922	8.688	6.228	15.441	2.265	0.362	0.128	0.143	0.374	1.157	17.123
7	0.669	1.188	5.138	6.070	14.439	1.999	0.385	0.114	0.121	1.299	1.315	7.730
8	1.264	1.078	13.474	5.633	14.351	1.742	0.340	0.124	0.117	0.583	1.298	4.634
9	0.473	2.260	12.653	6.023	16.560	1.652	0.324	0.124	0.118	0.420	1.092	3.825
10	0.520	1.853	5.877	6.940	20.579	1.546	0.296	0.124	0.116	0.364	1.144	3.257
11	0.419	1.205	8.024	11.155	20.879	1.308	0.284	0.107	0.116	0.516	0.936	2.867
12	0.394	8.252	7.175	19.188	19.227	1.102	0.273	0.114	0.120	0.700	0.543	2.789
13	0.418	36.902	7.155	26.387	18.382	1.140	0.262	0.118	0.124	0.609	1.015	1.565
14	0.425	7.649	6.534	26.572	18.159	0.908	0.252	0.111	0.139	0.530	1.099	1.469
15	0.547	3.684	6.249	19.427	17.213	0.511	0.241	0.119	0.143	0.506	1.045	2.648
16	0.750	2.819	6.187	15.783	16.061	0.785	0.225	0.118	0.128	0.452	1.253	2.329
17	1.075	2.372	5.615	13.865	14.660	0.568	0.216	0.115	0.130	0.465	1.011	1.938
18	1.325	2.485	12.773	13.961	12.864	1.104	0.209	0.171	0.130	0.437	0.708	1.701
19	0.987	4.525	35.407	16.200	11.483	1.344	0.202	0.212	0.137	0.472	0.858	1.574
20	1.001	3.253	26.908	16.618	9.718	1.253	0.197	0.175	0.130	0.459	0.584	1.543
21	0.685	2.014	15.027	16.488	7.927	1.233	4.047	0.171	0.130	0.556	0.566	1.528
22	0.706	2.037	12.269	18.756	5.528	1.074	1.830	0.151	0.114	1.656	0.988	1.608
23	1.186	2.096	10.904	19.910	5.283	0.957	0.731	0.152	0.107	1.022	1.073	1.593
24	11.583	1.946	12.688	21.574	4.491	1.156	0.462	0.144	0.107	0.824	1.076	1.840
25	11.532	2.002	47.373	22.619	4.002	1.284	0.294	0.139	0.096	1.189	1.017	1.750
26	4.008	1.932	20.392	19.204	3.540	1.145	0.252	0.130	0.100	10.521	1.146	2.731
27	1.345	7.666	13.242	24.598	3.335	1.138	0.223	0.121	0.107	2.550	1.094	2.382
28	1.620	77.240	11.898	19.965	3.342	0.954	0.209	0.118	0.114	1.847	0.520	1.825
29	1.274		11.663	17.876	3.171	0.856	0.201	0.118	0.122	1.594	0.709	2.048
30	0.855		13.357	17.304	2.677	0.822	0.206	0.118	0.122	1.585	1.201	1.770
31	0.533		10.694		2.174		0.197	0.110		1.489		1.108
MEAN	1.565	6.505	13.953	14.965	12.195	1.517	0.455	0.136	0.124	1.093	1.085	2.541
INCHES	0.148	0.553	1.316	1.362	1.147	0.138	0.047	0.013	0.011	0.103	0.099	0.277
STA AV	0.595	0.256	0.755	0.546	0.228	0.070	0.015	0.004	0.003	0.015	0.034	0.122

NOTES: To convert CFS to IN/DAY, multiply by 0.003034. STA AV amounts based on 13 yr (1963-75) record period.

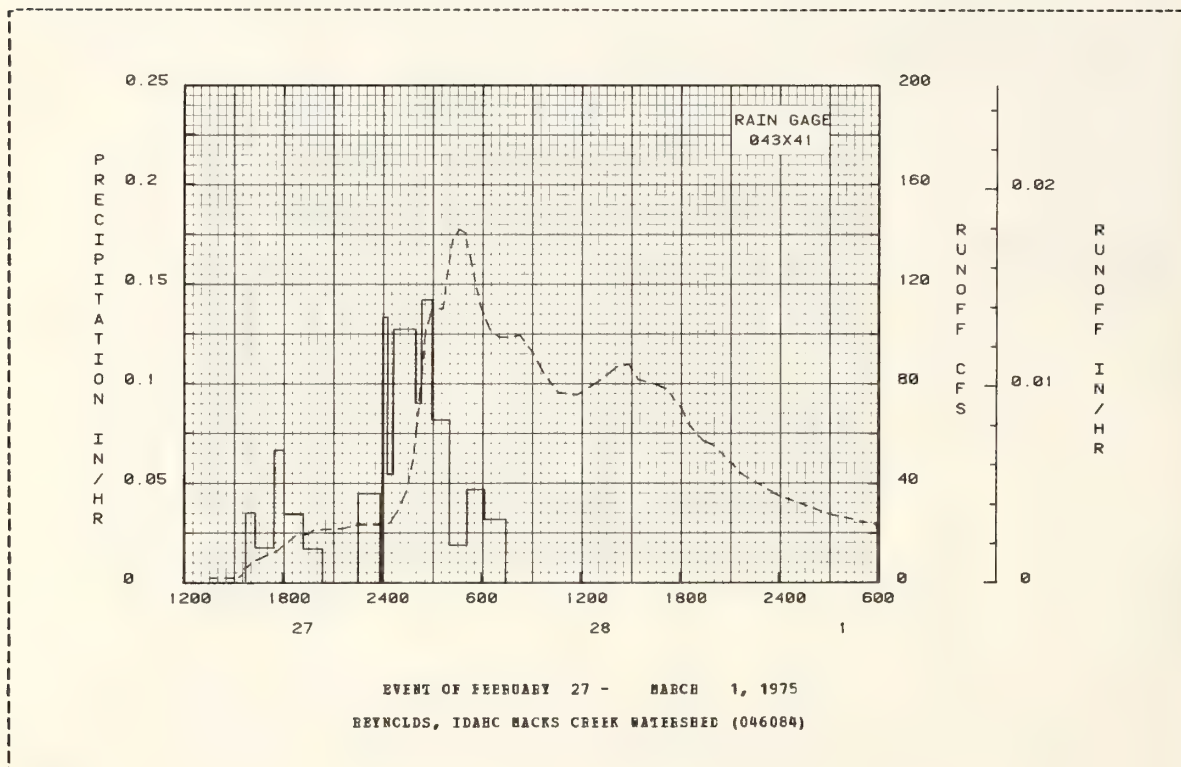
1975 SELECTED RUNOFF EVENT REYNOLDS, IDAHO HACKS CREEK WATERSHED (046020)												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF FEBRUARY 27 - MARCH 1, 1975												
RG 043141			RG 043141									
2-27	0.01	0.004	2-27	1546	0.0	0.0	2-27	1336	2.035	0.0		
				1620	0.0353	0.02		1502	2.152	0.0004		
				1728	0.0176	0.04		1522	2.403	0.0005		
				1804	0.0667	0.08		1534	3.377	0.0005		
				1914	0.0343	0.12		1540	5.631	0.0006		
WATERSHED CONDITIONS: The event is combined rain and snowmelt.				2024	0.0171	0.14		1624	9.234	0.0013		
				2234	0.0	0.14		1706	11.327	0.0022		
				2354	0.0450	0.20		1740	13.054	0.0031		
				2400	0.0	0.20		1846	19.054	0.0053		
			2-28	18	0.1333	0.24		1930	19.735	0.0071		
				40	0.0545	0.26		1952	21.144	0.0081		
				200	0.1275	0.43		2028	21.506	0.0097		
				220	0.0500	0.46		2134	21.873	0.0127		
				258	0.1421	0.55		2236	23.381	0.0157		
				404	0.0818	0.64		2338	23.381	0.0187		
				508	0.0187	0.66		2400	23.381	0.0198		
				612	0.0469	0.71		30	24.160	0.0213		
				728	0.0316	0.75		58	29.202	0.0229		
								128	36.953	0.0249		
								152	49.693	0.0271		
								206	64.308	0.0288		
								216	75.493	0.0303		
								222	84.229	0.0313		
								236	101.605	0.0340		
								258	110.039	0.0389		
								338	110.039	0.0482		
								356	125.898	0.0527		
								412	158.113	0.0571		
								436	141.926	0.0642		
								456	140.647	0.0702		

NOTES: To convert CFS to IN/HR, multiply by .00012640.



1975 SELECTED RUNOFF EVENT			FEYNCLDS, IDABC MACKS CREEK WATERSHED (046084)						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
EVENT OF FEBRUARY 27 - MARCH 1, 1975 (CONTINUED)									
				2-28			522	127.086	0.0775
							554	111.125	0.0855
							628	101.605	0.0931
							702	98.557	0.1003
							732	98.557	0.1065
							816	59.566	0.1157
							908	51.684	0.1262
							944	84.229	0.1329
							1038	76.338	0.1420
							1142	75.453	0.1522
							1310	81.541	0.1668
							1410	86.975	0.1774
							1452	87.904	0.1852
							1526	81.541	0.1913
							1628	79.781	0.2018
							1706	78.047	0.2081
							1806	69.751	0.2175
							1832	63.555	0.2211
							1924	57.036	0.2277
							2004	54.966	0.2324
							2146	43.550	0.2430
							2400	34.901	0.2541
				3- 1			308	27.450	0.2665
							554	23.381	0.2753
							814	20.081	0.2818
							1030	18.720	0.2873
							1112	18.720	0.2890
							1246	18.390	0.2926

NOTES: To convert CFS to IN/HR, multiply by .00012640.



## REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)

LOCATION: Owyhee County, Idaho; 40 miles south of Nampa; main stem of Reynolds Creek which is tributary to the Snake River. Lat. 43 deg. 8 min. 33 sec. N.; Long. 116 deg. 45 min. 42 sec. W.

AREA: 13453.00 acres 21.02 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual									
1975	P	3.23	5.32	5.66	3.44	1.23	1.87	1.35	1.34	0.18	5.30	2.57	2.68	34.51									
	Q	0.176	0.255	1.005	1.285	5.201	4.011	0.858	0.145	0.063	0.184	0.173	0.513	13.871									
STA AV	P	5.04	2.68	3.35	2.26	1.21	1.86	0.68	1.06	1.05	2.51	3.54	4.14	29.37									
	Q	0.805	0.520	1.265	1.826	3.658	1.848	0.326	0.055	0.040	0.097	0.163	0.264	10.872									
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																							
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days					
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.				
1975		6-2	0.017	6-2	0.017	6-2	0.032	6-2	0.053	6-2	0.173	6-2	0.305	5-14	0.571	5-12	1.570						
MAXIMUMS FOR PERIOD OF RECORD																							
		1-21	0.030	1-21	0.029	1-21	0.057	1-21	0.157	1-21	0.283	1-20	0.454	1-20	0.612	5-12	1.970						
		1965		1969		1965		1969		1969		1969		1969		1975							

NOTES: Watershed conditions - Watershed is generally sagebrush rangeland except for scattered stands of Douglas fir and aspen and mountain meadows. The topography is steep with numerous rock outcrops on the ridges. The watershed is used mainly for cattle grazing except during the winter when snow blankets most of the area. Vegetation consists predominantly of big sagebrush, little sagebrush, rabbitbrush, snowberry, blue bunch wheatgrass, Idaho fescue, and squirreltail grass. 25% of the area has a vegetative cover of 0-25%, 15% of the area has a vegetative cover of 26-50%, 15% of the area has a vegetative cover of 51-75%, and 45% of the area has a vegetative cover of 76-100%. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1967, USDA Misc. Pub. 1262, p. 68.4-6. Records began: Precipitation - 1963; Runoff - 1967. Precipitation: Thiessen weighted average 'Computed Actual' amounts from 16 rain gages. Station average precipitation amounts are based on 1968-75 record period. Station average runoff amounts are based on 1967-75 record period. For long-time precipitation records, see National Weather Service records at Boise, Idaho; 50 miles N.E. of watershed.

1975 DAILY PRECIPITATION (inches)													
REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.01	0.10	0.30	0.01	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.34	0.09	0.01	0.01	0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.10	0.01	0.66	0.22	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.23	0.08	0.0	0.05	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.76	0.0	0.0 T	0.07	0.08	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.23
6	0.33	0.0	0.0	0.03	0.03	0.0	0.0 T	0.0	0.0	1.59	0.10	0.78	
7	0.24	0.03	0.15	0.07	0.01	0.0	0.0 T	0.0	0.0	0.33	0.21	0.01	
8	0.27	0.05	0.19	0.13	0.0	0.0	0.14	0.0	0.0	0.02	0.0	0.0	
9	0.47	0.40	0.27	0.27	0.0 T	0.0	0.16	0.0	0.0	0.0 T	0.0	0.0	
10	0.20	0.40	0.04	0.54	0.0	0.0	0.03	0.0	0.0	0.05	0.10	0.0	
11	0.0 T	0.0 T	0.01	0.02	0.10	0.0 T	0.31	0.0	0.0	0.25	0.0	0.12	
12	0.0	0.97	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.12	0.0	0.37	
13	0.0	0.89	0.0	0.01	0.0	0.0 T	0.0	0.0	0.0	0.05	0.0	0.15	
14	0.0	0.16	0.0 T	0.12	0.0 T	0.0	0.02	0.0	0.16	0.0 T	0.0 T	0.0 T	
15	0.0	0.02	0.03	0.03	0.0	0.0	0.0	0.01	0.02	0.0	0.22	0.10	
16	0.02	0.09	0.36	0.0 T	0.0	0.0 T	0.0	0.0	0.0 T	0.0	0.09	0.0 T	
17	0.0	0.0 T	0.53	0.0 T	0.0	0.15	0.0	0.15	0.0	0.0	0.04	0.0	
18	0.0	0.01	0.70	0.0 T	0.0	0.34	0.0	0.18	0.0	0.0	0.0 T	0.0	
19	0.0	0.83	0.57	0.09	0.21	0.27	0.0	0.62	0.0	0.0	0.0	0.0	
20	0.0	0.18	0.05	0.0 T	0.09	0.09	0.08	0.03	0.0	0.0	0.20	0.0	
21	0.0	0.01	0.51	0.07	0.0 T	0.0 T	0.53	0.11	0.0	0.62	0.0 T	0.0	
22	0.0	0.0	0.19	0.0 T	0.0	0.0 T	0.0	0.0 T	0.0	0.15	0.13	0.03	
23	0.08	0.0	0.25	0.13	0.26	0.0	0.0	0.22	0.0	0.02	0.0 T	0.01	
24	0.42	0.0 T	0.43	0.43	0.0 T	0.36	0.0	0.0 T	0.0	0.0 T	0.05	0.01	
25	0.0 T	0.0 T	0.96	0.04	0.0	0.0 T	0.0	0.0	0.0	0.74	0.0 T	0.0 T	
26	0.28	0.08	0.0 T	0.63	0.0 T	0.0 T	0.0	0.0	0.0	1.14	0.46	0.22	
27	0.0 T	0.18	0.0 T	0.03	0.0	0.0	0.0 T	0.01	0.0	0.14	0.09	0.0	
28	0.0 T	0.40	0.0 T	0.0 T	0.0	0.0	0.0	0.01	0.0	0.02	0.08	0.0	
29	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.03	
30	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.73	0.15	
31	0.0 T	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	
TOTAL	3.33	5.32	5.66	3.44	1.23	1.87	1.39	1.34	0.18	5.30	2.57	2.88	
STA AV	5.04	2.68	3.35	2.26	1.21	1.86	0.68	1.06	1.05	2.51	3.54	4.14	

NOTES: Values are Thiessen weighted average 'Actual' amounts from 16 recording pairs of gages (shielded and unshielded). 'Actual' amounts were computed as per relationship developed by W. E. Hamon, "Computing Actual Precipitation", Proceedings of WMO-IDHS Symposium, Gello, Norway, August, 1972. The equation used is:  $\log_e (U/A) = \log_e (U/S) \times 1.80$ , where U = unshielded catchment, S = shielded catchment, and A = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period. For temperature information, see table of daily maximum and minimum values included for Watersheds 68.001 and 68.014.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.01	0.05	0.25	0.0 T	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.18
2	0.0	0.16	0.07	0.0 T	0.0 T	0.59	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.06	0.01	0.29	0.11	0.04	0.0	0.0	0.0	0.0	0.0	0.0
4	0.10	0.04	0.0	0.02	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.26
5	0.34	0.0	0.0 T	0.03	0.04	0.0	0.07	0.0	0.0	0.0	0.0	0.20
6	0.13	0.0	0.0	0.01	0.02	0.0	0.0 T	0.0	0.0	1.49	0.07	0.69
7	0.10	0.02	0.09	0.03	0.01	0.0	0.0 T	0.0	0.0	0.28	0.16	0.01
8	0.11	0.02	0.11	0.07	0.0	0.0	0.13	0.0	0.0	0.02	0.0	0.0
9	0.15	0.23	0.16	0.13	0.0 T	0.0	0.15	0.0	0.0	0.0 T	0.0	0.0
10	0.06	0.21	0.02	0.29	0.0	0.0	0.03	0.0	0.0	0.04	0.08	0.0
11	0.0	0.0 T	0.0 T	0.01	0.06	0.0 T	0.29	0.0	0.0	0.20	0.0	0.06
12	0.0	0.50	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.09	0.0	0.18
13	0.0	0.47	0.0	0.01	0.0	0.0 T	0.0	0.0	0.0	0.03	0.0	0.07
14	0.0	0.08	0.0 T	0.07	0.0	0.0	0.02	0.0	0.15	0.0 T	0.0 T	0.0 T
15	0.0	0.01	0.01	0.02	0.0	0.0	0.0	0.01	0.02	0.0	0.19	0.05
16	0.02	0.04	0.15	0.0 T	0.0	0.0 T	0.0	0.0	0.0 T	0.0	0.07	0.0 T
17	0.0	0.0	0.24	0.0 T	0.0	0.13	0.0	0.14	0.0	0.0	0.03	0.0
18	0.0	0.0 T	0.43	0.0 T	0.0	0.30	0.0	0.16	0.0	0.0	0.0 T	0.0
19	0.0	0.44	0.38	0.05	0.10	0.24	0.0	0.59	0.0	0.0	0.0	0.0
20	0.0	0.09	0.03	0.0 T	0.05	0.08	0.07	0.03	0.0	0.0	0.09	0.0
21	0.0	0.01	0.25	0.05	0.0 T	0.0 T	0.50	0.11	0.0	0.48	0.0 T	0.0
22	0.0	0.0	0.10	0.0 T	0.0	0.0 T	0.0	0.0 T	0.0	0.11	0.06	0.02
23	0.06	0.0	0.12	0.08	0.21	0.0	0.0	0.21	0.0	0.01	0.0 T	0.0 T
24	0.31	0.0	0.25	0.27	0.0 T	0.30	0.0	0.0 T	0.0	0.0 T	0.02	0.0 T
25	0.0 T	0.0	0.58	0.02	0.0	0.0 T	0.0	0.0	0.0	0.61	0.0 T	0.0 T
26	0.17	0.06	0.0 T	0.35	0.0 T	0.0 T	0.0	0.0	0.0	0.54	0.22	0.15
27	0.0 T	0.14	0.0 T	0.02	0.0	0.0	0.0 T	0.01	0.0	0.10	0.05	0.0
28	0.0 T	0.33	0.0 T	0.0 T	0.0	0.0	0.0	0.01	0.0	0.01	0.04	0.0
29	0.01		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.01
30	0.0 T		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.40	0.08
31	0.0 T		0.01		0.0		0.0	0.0		0.0		0.04
TOTAL STA AV	1.57	2.96	3.26	1.82	0.71	1.65	1.31	1.27	0.17	4.46	1.52	2.00

NOTES: Values are Thiessen weighted average amounts from 16 unshielded recording gages. STA AV do not apply to unshielded rain gage records.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.01	0.07	0.28	0.01	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.24
2	0.0	0.24	0.08	0.01	0.01	0.60	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.08	0.01	0.47	0.16	0.04	0.0	0.0	0.0	0.0	0.0	0.3
4	0.16	0.06	0.0	0.03	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.28
5	0.54	0.0	0.0 T	0.05	0.06	0.0	0.07	0.0	0.0	0.0	0.0	0.22
6	0.22	0.0	0.0	0.02	0.03	0.0	0.0 T	0.0	0.0	1.55	0.08	0.74
7	0.16	0.02	0.12	0.05	0.01	0.0	0.0 T	0.0	0.0	0.31	0.19	0.01
8	0.18	0.04	0.15	0.10	0.0	0.0	0.13	0.0	0.0	0.02	0.0	0.0
9	0.28	0.31	0.21	0.21	0.0 T	0.0	0.15	0.0	0.0	0.0 T	0.0	0.0
10	0.12	0.30	0.03	0.41	0.0	0.0	0.03	0.0	0.0	0.05	0.09	0.0
11	0.0 T	0.0 T	0.01	0.01	0.08	0.0 T	0.30	0.0	0.0	0.23	0.0	0.09
12	0.0	0.71	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.10	0.0	0.27
13	0.0	0.66	0.0	0.01	0.0	0.0 T	0.0	0.0	0.0	0.04	0.0	0.10
14	0.0	0.12	0.0 T	0.10	0.0 T	0.0	0.02	0.0	0.16	0.0 T	0.0 T	0.0 T
15	0.0	0.01	0.02	0.02	0.0	0.0	0.0	0.01	0.02	0.0	0.21	0.07
16	0.02	0.06	0.24	0.0 T	0.0	0.0 T	0.0	0.0	0.0 T	0.0	0.08	0.0 T
17	0.0	0.0 T	0.38	0.0 T	0.0	0.14	0.0	0.15	0.0	0.0	0.04	0.0
18	0.0	0.0 T	0.56	0.0 T	0.0	0.32	0.0	0.17	0.0	0.0	0.0 T	0.0
19	0.0	0.63	0.48	0.06	0.15	0.26	0.0	0.61	0.0	0.0	0.0	0.0
20	0.0	0.14	0.05	0.0 T	0.07	0.08	0.07	0.03	0.0	0.0	0.14	0.0
21	0.0	0.01	0.37	0.06	0.0 T	0.0 T	0.52	0.11	0.0	0.56	0.0 T	0.0
22	0.0	0.0	0.15	0.0 T	0.0	0.0 T	0.0	0.0 T	0.0	0.13	0.09	0.02
23	0.07	0.0	0.18	0.10	0.24	0.0	0.0	0.21	0.0	0.02	0.0 T	0.01
24	0.36	0.0 T	0.34	0.35	0.0 T	0.33	0.0	0.0 T	0.0	0.0 T	0.04	0.01
25	0.0 T	0.0 T	0.77	0.03	0.0	0.0 T	0.0	0.0	0.0	0.69	0.0 T	0.0 T
26	0.22	0.07	0.0 T	0.48	0.0 T	0.0 T	0.0	0.0	0.0	1.05	0.33	0.19
27	0.0 T	0.16	0.0 T	0.03	0.0	0.0	0.0 T	0.01	0.0	0.13	0.07	0.0
28	0.0 T	0.37	0.0 T	0.0 T	0.0	0.0	0.0	0.01	0.0	0.02	0.06	0.0
29	0.02		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.02
30	0.0 T		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.56	0.12
31	0.0 T		0.02		0.0		0.0	0.0		0.0		0.35
TOTAL STA AV	2.36	4.06	4.45	2.61	0.56	1.78	1.34	1.31	0.18	4.56	2.03	2.44

NOTES: Values are Thiessen weighted average amounts from 16 shielded recording gages. STA AV do not apply to shielded rain gage records.



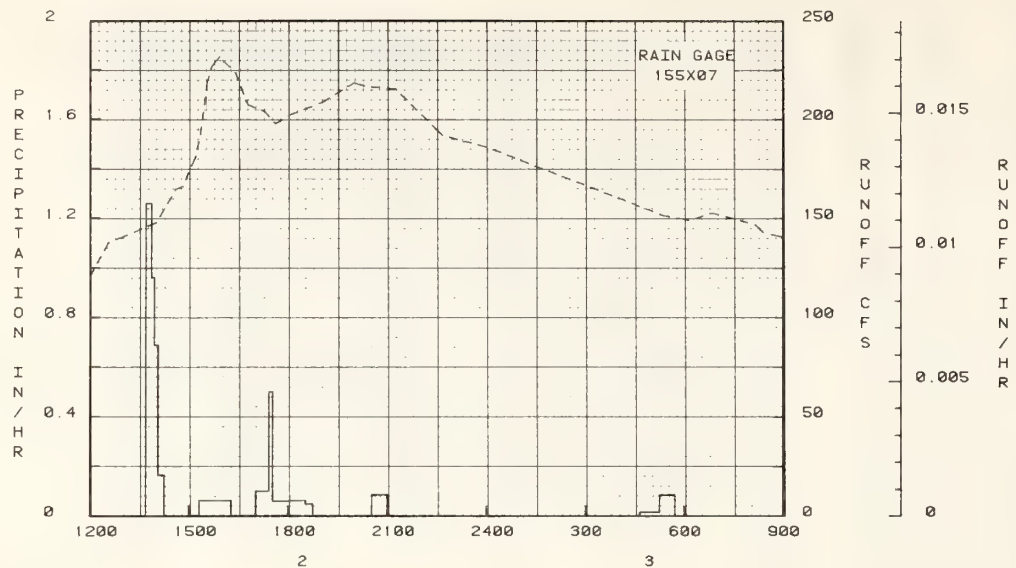
1975 MEAN DAILY DISCHARGE (cfs) REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.08	2.41	41.78	13.84	42.01	127.38	26.38	4.67	1.57	1.10	3.90	7.09
2	1.99	1.82	43.88	14.01	53.29	158.65	25.90	4.30	1.58	1.05	3.80	7.75
3	1.98	2.20	22.47	12.72	54.81	154.86	24.62	3.92	1.50	1.00	3.93	6.40
4	1.58	2.04	17.17	13.06	44.13	134.15	23.70	3.64	1.43	0.99	4.02	6.68
5	2.07	1.94	15.35	11.09	37.15	128.48	23.55	3.16	1.30	1.04	3.89	11.19
6	2.19	1.92	13.88	10.22	33.83	130.19	23.74	2.89	1.19	2.62	3.79	50.54
7	2.19	2.03	14.42	10.00	34.59	119.21	22.64	2.64	1.09	6.03	4.22	23.14
8	2.34	2.09	18.65	9.57	45.67	103.59	22.97	2.49	1.09	2.66	3.85	15.75
9	2.28	3.67	16.10	9.54	71.76	93.06	24.14	2.35	1.07	2.27	3.28	13.04
10	2.23	3.43	13.43	10.06	113.19	83.87	21.45	2.28	1.09	2.13	3.42	11.24
11	2.17	2.97	11.59	11.26	105.49	80.57	25.57	2.19	1.15	2.76	3.01	5.77
12	2.16	5.55	10.23	14.65	101.85	79.05	22.73	2.14	1.12	2.66	2.78	5.37
13	2.18	17.88	9.45	20.28	118.04	75.58	19.83	2.06	1.11	2.74	3.06	7.58
14	2.19	6.97	8.92	24.53	147.58	71.77	17.47	2.11	1.35	2.50	3.29	7.45
15	2.22	4.88	8.75	21.96	162.31	69.43	15.48	2.12	1.43	2.28	3.42	8.15
16	2.30	3.97	8.55	21.02	156.03	63.45	14.44	1.94	1.17	2.23	4.61	7.39
17	2.47	3.99	7.68	21.04	146.64	60.38	13.15	2.11	1.10	2.12	3.36	6.51
18	2.83	3.63	14.01	23.80	144.31	57.31	11.82	2.91	1.21	2.04	2.75	5.80
19	2.79	3.88	24.63	28.76	131.70	58.58	10.82	4.26	1.26	2.07	2.39	5.51
20	2.68	3.76	23.13	32.78	102.44	52.42	9.84	3.58	1.26	2.04	3.07	5.52
21	2.50	3.46	16.95	36.51	90.66	46.59	15.08	3.21	1.23	2.22	2.94	5.19
22	2.39	3.33	14.44	47.75	83.61	43.00	12.97	2.50	1.16	3.64	2.82	5.38
23	2.73	3.11	13.20	46.37	105.73	40.59	8.92	2.81	1.07	2.71	2.92	5.60
24	9.08	3.02	13.29	49.40	98.39	41.33	7.63	2.71	1.01	2.21	2.90	5.60
25	13.75	3.46	44.25	50.52	50.04	39.57	6.90	2.36	1.00	3.07	2.85	5.53
26	6.99	3.13	25.99	37.61	88.49	34.92	6.36	2.10	0.99	21.00	2.90	6.42
27	4.17	3.77	19.74	32.83	91.57	32.42	5.81	1.88	1.01	6.62	2.88	5.70
28	4.77	40.01	17.16	28.43	98.90	30.25	5.42	1.76	0.99	4.89	2.57	5.25
29	2.98		14.73	29.08	104.61	28.58	5.30	1.64	1.06	4.25	2.63	5.69
30	2.15		17.78	33.37	115.59	27.52	5.36	1.51	1.12	4.43	2.79	5.58
31	2.48		16.27		124.41		5.12	1.47		4.26		7.10
MEAN	3.205	5.155	16.318	24.208	54.631	75.571	15.651	2.649	1.190	3.356	3.268	9.358
INCHES	0.176	0.255	1.005	1.285	5.201	4.011	0.858	0.145	0.063	0.184	0.173	0.513
STA AV	0.805	0.520	1.265	1.826	3.658	1.848	0.326	0.059	0.040	0.097	0.163	0.264

NOTES: To convert CPS to IN/DAY, multiply by 0.001769. STA AV amounts based on 9 yr (1967-75) record period.

1975 SELECTED FURCFF EVENT REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)												
ANTECEDENT CONDITIONS			FAINFALL				FURCFF					
Date	Rainfall	Furcfff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF JUNE 2 - 3, 1975												
RG 155X07			EG 155X07									
6- 2	0.0	0.102	6- 2	1342	0.0	0.0	6- 2	1100	120.703	0.0		
				1352	1.2599	0.21		1234	137.922	0.0149		
				1357	0.9600	0.25		1308	141.552	0.0208		
				1404	0.6857	0.37		1400	147.741	0.0300		
				1415	0.1636	0.40		1436	164.672	0.0369		
WATERSHED CONDITIONS:				1515	0.0	0.40		1448	166.026	0.0394		
The event is combined rain				1617	0.0621	0.46		1512	161.407	0.0445		
and snowmelt.				1702	0.0	0.46		1522	156.186	0.0468		
				1726	0.1000	0.50		1532	218.200	0.0493		
				1732	0.4599	0.55		1540	226.444	0.0515		
				1803	0.0581	0.58		1554	231.469	0.0555		
				1832	0.0621	0.61		1624	223.122	0.0639		
				1845	0.0461	0.62		1646	207.000	0.0657		
				2032	0.0	0.62		1716	203.871	0.0772		
				2100	0.0857	0.66		1736	197.709	0.0822		
			6- 3	439	0.0	0.66		1804	202.313	0.0890		
				515	0.0167	0.67		1902	208.576	0.1037		
				543	0.0857	0.71		1958	218.200	0.1184		
								2018	216.577	0.1237		
								2114	214.960	0.1386		
								2240	151.673	0.1600		
								2400	185.760	0.1786		
							6- 3	520	151.540	0.2449		
								608	149.001	0.2538		

NOTES: To convert CFS to IN/HR, multiply by 0.00007372.





EVENT CP JUNE 2 - 3, 1975  
 REYNOLDS, IDAHO TOLLGATE WATERSHED (116083)

## REYNOLDS, IDABC MURPHY CREEK WATERSHED (043004)

LOCATION: Cwyhee County, Idaho; 35 miles south of Nampa, Idaho; an east-flowing tributary to Reynolds Creek, tributary to the Snake River. Lat. 43 deg. 15 min. 21 sec. N.; Long. 116 deg. 49 min. 1 sec. W.

AREA: 306.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														REYNOLDS, IDABC MURPHY CREEK WATERSHED (043004)											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual											
1975	P	2.11	2.97	3.69	3.46	1.01	1.98	1.41	0.78	0.33	5.36	1.32	2.39	26.81											
	Q	0.259	0.980	2.644	2.554	3.217	0.844	0.154	0.027	0.011	0.261	0.184	0.619	11.753											
STA AV	P	3.20	1.57	2.49	2.11	1.01	2.30	0.45	0.64	1.09	2.16	2.52	2.76	22.30											
	Q	1.527	0.836	1.885	1.822	1.133	0.345	0.064	0.006	0.004	0.057	0.145	0.417	8.245											
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																									
		Maximum Discharge Date	1 Hour Date	2 Hours Date	Maximum Volume Date	6 Hours Date	12 Hours Date	1 Day Date	2 Days Date	8 Days Date															
1975		2-28	0.036	2-28	0.033	2-28	0.062	2-28	0.154	2-28	0.253	2-27	0.379	2-27	0.456	5-10	1.138								
MAXIMUMS FOR PERIOD OF RECORD																									
		1-27	0.060	1-21	0.050	1-20	0.096	1-20	0.261	1-20	0.445	1-20	0.720	1-20	1.050	3-1	1.931								
		1970		1969		1969		1969		1969		1969		1969		1972									

NOTES: Watershed conditions: Watershed is sagebrush rangeland used almost exclusively for cattle grazing. Willows are common along watercourses and in seep areas. Vegetation consists largely of big sagebrush, bitterbrush, Idaho fescue, Sandberg bluegrass, bluebunch wheatgrass, squirreltail grass, and snowberry. 10% of the area has a vegetative cover of 0-25%, 35% of the area has a vegetative cover of 26-50%, 20% of the area has a vegetative cover of 51-75%, and 35% of the area has a vegetative cover of 76-100%. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1967, USDA Misc. Pub. 1262, p. 68.11-6. Records started: Precipitation - 1963; Runoff - 1967. Precipitation: Thiessen weighted average 'Computed Actual' amounts from 3 rain gages. Station average precipitation amounts based on 1968-75 record period. Station average runoff amounts based on 1967-75 record period. For long-time precipitation records, see National Weather Service records at Boise, Idaho, 50 miles N.E. of watershed.

1975 DAILY PRECIPITATION (inches)														REYNOLDS, IDABC MURPHY CREEK WATERSHED (043004)											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
1	0.04	0.02	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06													
2	0.0	0.04	0.06	0.0	0.0	0.44	0.01	0.0	0.0	0.0	0.0	0.01													
3	0.0	0.0	0.0	0.53	0.12	0.03	0.0	0.0	0.0	0.0	0.0	0.0													
4	0.11	0.04	0.0	0.0	0.07	0.0	0.01	0.0	0.0	0.0	0.0	0.42													
5	0.39	0.0	0.0	0.06	0.15	0.0	0.0 1	0.0	0.0	0.0	0.0	0.10													
6	0.47	0.0	0.0	0.02	0.05	0.0	0.01	0.0	0.0	1.80	0.0	0.86													
7	0.07	0.05	0.14	0.03	0.15	0.0	0.0	0.0	0.0	0.28	0.20	0.01													
8	0.18	0.02	0.33	0.08	0.0	0.01	0.08	0.0	0.0	0.0 1	0.0	0.0													
9	0.06	0.19	0.04	0.15	0.0	0.0	0.0 1	0.0	0.0	0.0	0.0	0.0													
10	0.17	0.07	0.10	0.90	0.01	0.0	0.0 1	0.0	0.0	0.03	0.03	0.0													
11	0.0	0.0	0.03	0.02	0.15	0.0	0.03	0.0	0.0	0.34	0.0	0.04													
12	0.0	0.45	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.15													
13	0.0	0.53	0.0	0.0 1	0.0	0.0	0.0	0.01	0.0	0.11	0.0	0.10													
14	0.0	0.07	0.0	0.05	0.0	0.0	0.05	0.0	0.33	0.0	0.0	0.0													
15	0.0	0.0	0.0	0.02	0.01	0.0	0.0	0.0	0.0	0.0	0.31	0.03													
16	0.01	0.02	0.16	0.01	0.0 1	0.0	0.0	0.0 1	0.0	0.0	0.01	0.01													
17	0.0	0.0	0.13	0.03	0.0	0.09	0.01	0.09	0.0	0.0	0.0	0.0													
18	0.0	0.0	0.52	0.0	0.0 1	0.51	0.0	0.09	0.0	0.0	0.61	0.0													
19	0.0	0.53	0.67	0.12	0.06	0.25	0.0	0.41	0.0	0.0	0.0	0.0													
20	0.0	0.04	0.02	0.01	0.03	0.14	0.16	0.09	0.0	0.0	0.18	0.0													
21	0.0	0.0	0.23	0.0	0.0	0.02	1.04	0.0	0.0	1.07	0.0	0.0													
22	0.0	0.0	0.05	0.0	0.0	0.0 1	0.01	0.0	0.0	0.11	0.15	0.05													
23	0.21	0.0	0.03	0.15	0.21	0.0	0.0	0.08	0.0	0.02	0.0	0.0													
24	0.29	0.0	0.29	0.47	0.0	0.48	0.0	0.0	0.0	0.0	0.0 1	0.01													
25	0.0	0.0	0.82	0.0 1	0.0	0.0 1	0.0	0.0	0.0	0.40	0.0	0.0													
26	0.11	0.12	0.01	0.79	0.0	0.01	0.0	0.0	0.0	0.81	0.10	0.39													
27	0.0	0.20	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.15	0.08	0.0													
28	0.0	0.58	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.06	0.0													
29	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0													
30	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.16	0.05													
31	0.0		0.0 1		0.0		0.0	0.0		0.0		0.10													
TOTAL	2.11	2.97	3.69	3.46	1.01	1.58	1.41	0.78	0.33	5.36	1.32	2.39													
STA AV	3.20	1.57	2.49	2.11	1.01	2.30	0.45	0.64	1.09	2.16	2.52	2.76													

NOTES: Values are Thiessen weighted average 'Actual' amounts from 3 recording pairs of gages (shielded and unshielded). 'Actual' amounts were computed as per relationship developed by W. B. Hamon, "Computing Actual Precipitation", Proceedings of WHO-IDHS Symposium, Geilo, Norway, August, 1972. The equation used is:  $\log_e (U/S) = \log_e (0.1) + 1.80$ , where U = unshielded catchment, S = shielded catchment, and A = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period. For temperature information, see table of daily maximum and minimum values included for Watersheds 68.001 and 68.014.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDABC MURPHY CREEK WATERSHED (043004)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.01	0.02	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04
2	0.0	0.04	0.05	0.0	0.0	0.41	0.01	0.0	0.0	0.0	0.0	0.01
3	0.0	0.0	0.0	0.26	0.05	0.03	0.0	0.0	0.0	0.0	0.0	0.0
4	0.04	0.04	0.0	0.0	0.03	0.0	0.01	0.0	0.0	0.0	0.0	0.23
5	0.13	0.0	0.0	0.03	0.07	0.0	0.0 T	0.0	0.0	0.0	0.0	0.06
6	0.15	0.0	0.0	0.01	0.02	0.0	0.01	0.0	0.0	1.71	0.0	0.74
7	0.03	0.04	0.11	0.02	0.09	0.0	0.0	0.0	0.0	0.26	0.10	0.01
8	0.06	0.01	0.23	0.04	0.0	0.0 T	0.08	0.0	0.0	0.0 T	0.0	0.0
9	0.04	0.11	0.03	0.05	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0
10	0.07	0.04	0.05	0.51	0.0 T	0.0	0.0 T	0.0	0.0	0.03	0.03	0.0
11	0.0	0.0	0.02	0.01	0.09	0.0	0.03	0.0	0.0	0.32	0.0	0.03
12	0.0	0.38	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.12
13	0.0	0.41	0.0	0.0 T	0.0	0.0	0.0	0.01	0.0	0.11	0.0	0.08
14	0.0	0.05	0.0	0.03	0.0	0.0	0.04	0.0	0.33	0.0	0.0	0.0
15	0.0	0.0	0.0	0.02	0.01	0.0	0.0	0.0	0.0	0.0	0.23	0.02
16	0.01	0.01	0.10	0.0 T	0.0 T	0.0	0.0	0.0 T	0.0	0.0	0.01	0.0
17	0.0	0.0	0.08	0.03	0.0	0.09	0.01	0.08	0.0	0.0	0.0	0.0
18	0.0	0.0	0.36	0.0	0.0 T	0.50	0.0	0.09	0.0	0.0	0.01	0.0
19	0.0	0.21	0.45	0.10	0.04	0.24	0.0	0.37	0.0	0.0	0.0	0.0
20	0.0	0.01	0.01	0.01	0.02	0.14	0.16	0.09	0.0	0.0	0.09	0.0
21	0.0	0.0	0.15	0.0	0.0	0.02	1.04	0.0	0.0	0.84	0.0	0.0
22	0.0	0.0	0.03	0.0	0.0	0.0 T	0.01	0.0	0.0	0.09	0.08	0.02
23	0.16	0.0	0.02	0.08	0.20	0.0	0.0	0.08	0.0	0.01	0.0	0.0
24	0.23	0.0	0.19	0.24	0.0	0.47	0.0	0.0	0.0	0.0	0.0 T	0.0
25	0.0	0.0	0.56	0.0 T	0.0	0.0 T	0.0	0.0	0.0	0.36	0.0	0.0
26	0.09	0.10	0.01	0.40	0.0	0.01	0.0	0.0	0.0	0.74	0.05	0.23
27	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.04	0.0
28	0.0	0.49	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.03	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.09	0.02
31	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05
TOTAL STA AV	1.02	2.13	2.50	1.85	0.62	1.51	1.40	0.73	0.33	4.72	0.80	1.66

NOTES: Values are Thiessen weighted average amounts from 3 unshielded recording gages. STA AV do not apply to unshielded rain gage records.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDABC MURPHY CREEK WATERSHED (043004)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.03	0.02	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05
2	0.0	0.04	0.06	0.0	0.0	0.43	0.01	0.0	0.0	0.0	0.0	0.01
3	0.0	0.0	0.0	0.38	0.10	0.03	0.0	0.0	0.0	0.0	0.0	0.0
4	0.06	0.04	0.0	0.0	0.05	0.0	0.01	0.0	0.0	0.0	0.0	0.32
5	0.25	0.0	0.0	0.04	0.12	0.0	0.0 T	0.0	0.0	0.0	0.0	0.09
6	0.28	0.0	0.0	0.01	0.04	0.0	0.01	0.0	0.0	1.76	0.0	0.51
7	0.05	0.05	0.13	0.03	0.12	0.0	0.0	0.0	0.0	0.28	0.17	0.01
8	0.11	0.02	0.28	0.06	0.0	0.01	0.08	0.0	0.0	0.0 T	0.0	0.0
9	0.05	0.15	0.04	0.11	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0
10	0.11	0.05	0.07	0.69	0.0 T	0.0	0.0 T	0.0	0.0	0.03	0.03	0.0
11	0.0	0.0	0.02	0.01	0.12	0.0	0.03	0.0	0.0	0.33	0.0	0.04
12	0.0	0.42	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.14
13	0.0	0.47	0.0	0.0 T	0.0	0.0	0.0	0.01	0.0	0.11	0.0	0.10
14	0.0	0.05	0.0	0.04	0.0	0.0	0.05	0.0	0.33	0.0	0.0	0.0
15	0.0	0.0	0.0	0.02	0.01	0.0	0.0	0.0	0.0	0.0	0.27	0.03
16	0.01	0.02	0.12	0.0 T	0.01	0.0	0.0	0.0 T	0.0	0.0	0.01	0.01
17	0.0	0.0	0.11	0.03	0.0	0.09	0.01	0.09	0.0	0.0	0.0	0.0
18	0.0	0.0	0.44	0.0	0.0 T	0.50	0.0	0.09	0.0	0.0	0.01	0.0
19	0.0	0.35	0.55	0.11	0.05	0.25	0.0	0.39	0.0	0.0	0.0	0.0
20	0.0	0.02	0.02	0.01	0.02	0.14	0.16	0.09	0.0	0.0	0.14	0.0
21	0.0	0.0	0.18	0.0	0.0	0.02	1.04	0.0	0.0	0.95	0.0	0.0
22	0.0	0.0	0.05	0.0	0.0	0.0 T	0.01	0.0	0.0	0.09	0.11	0.03
23	0.18	0.0	0.02	0.12	0.20	0.0	0.0	0.08	0.0	0.02	0.0	0.0
24	0.26	0.0	0.24	0.36	0.0	0.48	0.0	0.0	0.0	0.0	0.0 T	0.01
25	0.0	0.0	0.69	0.0 T	0.0	0.0 T	0.0	0.0	0.0	0.38	0.0	0.0
26	0.10	0.12	0.01	0.61	0.0	0.01	0.0	0.0	0.0	0.78	0.07	0.33
27	0.0	0.19	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.11	0.06	0.0
28	0.0	0.54	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.05	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.12	0.04
31	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08
TOTAL STA AV	1.49	2.55	3.08	2.65	0.84	1.56	1.41	0.76	0.33	5.05	1.06	2.10

NOTES: Values are Thiessen weighted average amounts from 3 shielded recording gages. STA AV do not apply to shielded rain gage records.

1975 MEAN DAILY DISCHARGE (cfs) REYNOLDS, IDAHO HUFFBY CREEK WATERSHED (043004)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.062	0.100	1.483	0.755	1.355	0.765	0.104	0.028	0.007	0.007	0.086	0.210
2	0.061	0.090	1.237	0.737	1.373	0.837	0.096	0.022	0.007	0.007	0.066	0.164
3	0.056	0.086	1.020	0.704	1.503	0.822	0.088	0.014	0.009	0.007	0.086	0.122
4	0.056	0.081	0.504	0.685	1.534	0.706	0.078	0.010	0.007	0.007	0.066	0.126
5	0.058	0.077	0.621	0.643	1.504	0.672	0.070	0.007	0.007	0.007	0.086	0.106
6	0.062	0.077	0.738	0.597	1.493	0.621	0.069	0.004	0.005	0.053	0.086	1.367
7	0.058	0.089	0.766	0.573	1.387	0.559	0.071	0.003	0.003	0.111	0.052	0.521
8	0.056	0.081	1.000	0.494	1.284	0.458	0.065	0.003	0.002	0.066	0.089	0.367
9	0.057	0.173	0.968	0.550	1.326	0.450	0.065	0.003	0.002	0.053	0.081	0.263
10	0.053	0.106	0.799	0.566	1.745	0.428	0.055	0.002	0.002	0.045	0.081	0.242
11	0.056	0.090	0.681	0.980	1.916	0.373	0.075	0.001	0.001	0.057	0.066	0.238
12	0.053	0.671	0.600	1.427	1.764	0.320	0.073	0.001	0.001	0.073	0.064	0.254
13	0.050	2.042	0.557	1.459	1.785	0.292	0.065	0.001	0.001	0.065	0.076	0.221
14	0.050	0.576	0.503	1.383	1.927	0.254	0.064	0.002	0.009	0.057	0.086	0.210
15	0.050	0.332	0.488	1.216	1.965	0.245	0.058	0.002	0.004	0.051	0.090	0.224
16	0.055	0.251	0.454	1.183	1.921	0.237	0.062	0.002	0.002	0.050	0.100	0.247
17	0.072	0.205	0.420	1.175	1.673	0.262	0.063	0.002	0.003	0.047	0.066	0.223
18	0.114	0.196	0.751	1.213	1.533	0.290	0.056	0.007	0.005	0.044	0.060	0.210
19	0.103	0.412	2.553	1.304	1.442	0.268	0.049	0.015	0.005	0.044	0.063	0.156
20	0.104	0.266	1.564	1.237	1.256	0.245	0.047	0.031	0.005	0.044	0.072	0.193
21	0.089	0.205	1.221	1.097	1.137	0.228	0.164	0.036	0.005	0.101	0.070	0.181
22	0.073	0.186	1.075	1.045	1.029	0.179	0.094	0.028	0.005	0.207	0.073	0.181
23	0.118	0.177	1.017	1.187	1.081	0.166	0.053	0.025	0.006	0.103	0.077	0.181
24	0.942	0.178	1.169	1.340	0.954	0.209	0.046	0.022	0.006	0.081	0.077	0.193
25	0.619	0.167	3.796	1.383	0.851	0.187	0.041	0.022	0.006	0.164	0.073	0.185
26	0.217	0.162	1.768	1.404	0.805	0.162	0.037	0.017	0.005	1.054	0.080	0.339
27	0.132	0.648	1.293	1.946	0.735	0.152	0.032	0.011	0.005	0.236	0.077	0.250
28	0.114	4.876	1.135	1.674	0.748	0.137	0.027	0.008	0.006	0.173	0.068	0.185
29	0.097		1.089	1.481	0.760	0.128	0.028	0.007	0.007	0.137	0.061	0.232
30	0.084		1.239	1.390	0.765	0.117	0.035	0.006	0.007	0.105	0.081	0.192
31	0.088		0.885		0.780		0.025	0.005		0.050		0.173
MEAN	0.1242	0.4501	1.0565	1.0943	1.3340	0.3617	0.0636	0.0112	0.0048	0.1081	0.0787	0.2567
INCHES	0.255	0.980	2.644	2.554	2.217	0.844	0.154	0.027	0.011	0.261	0.184	0.659
STA AV	1.527	0.836	1.885	1.822	1.133	0.349	0.064	0.006	0.004	0.057	0.145	0.417

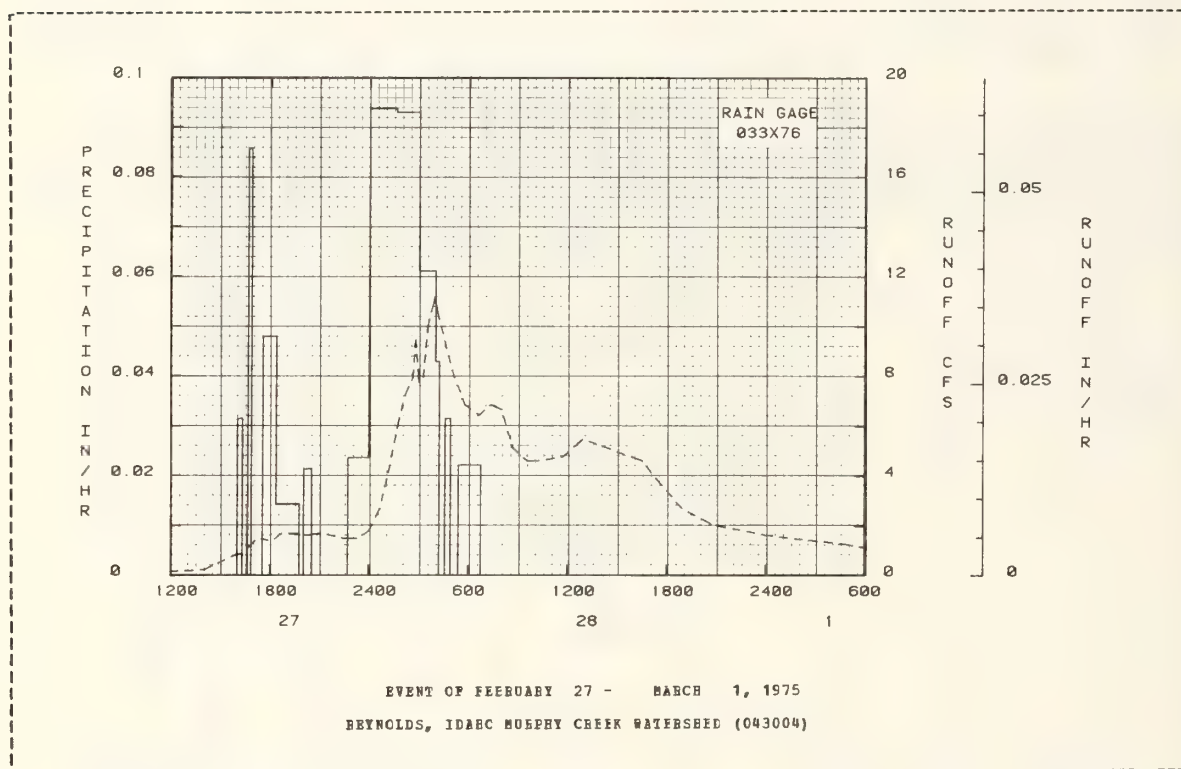
NOTES: To convert CFS to IN/DAY, multiply by 0.077783. STA AV based on 8 yr (1968-75) record period.

1975 SELECTED FURCFF EVENT REYNOLDS, IDAHO HUFFBY CREEK WATERSHED (043004)												
ANTECEDENT CONDITIONS			RAINFALL				FURCFF					
Date	Rainfall	Furcff	Date	Time	Intensity	Acc.	Date	Time	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 27 - MARCH 1, 1975												
FG 033X76												
2-27	0.0	0.006	2-27	1601	0.0	0.0	2-27	1128	0.166	0.0		
				1620	0.0316	0.01		1324	0.214	0.0012		
				1639	0.0	0.01		1404	0.252	0.0017		
				1653	0.0657	0.03		1558	0.831	0.0050		
				1733	0.0	0.03		1618	0.884	0.0060		
WATERSHED CONDITIONS:												
The event is combined rain and snowmelt.												
				1823	0.0480	0.07		1706	1.391	0.0089		
				1947	0.0143	0.09		1730	1.465	0.0107		
				2004	0.0	0.05		1754	1.391	0.0126		
				2032	0.0214	0.10		1818	1.465	0.0144		
				2244	0.0	0.10		1844	1.705	0.0167		
			2-28	2400	0.0237	0.13		1916	1.705	0.0156		
				136	0.0537	0.26		2012	1.622	0.0247		
				300	0.0929	0.41		2104	1.705	0.0293		
				359	0.0610	0.47		2230	1.465	0.0367		
				413	0.0429	0.48		2316	1.465	0.0403		
				435	0.0	0.48		2400	1.790	0.0442		
				454	0.0316	0.49		40	2.688	0.0490		
				524	0.0	0.45		116	4.451	0.0560		
				645	0.0222	0.52		144	6.041	0.0639		
								210	7.287	0.0733		
								238	7.970	0.0848		
								246	9.461	0.0886		
								300	7.738	0.0951		
								316	7.970	0.1019		
								330	9.956	0.1087		
								356	11.141	0.1235		
								412	10.271	0.1327		
								500	8.207	0.1567		
								546	6.854	0.1754		
								636	6.439	0.1934		

NOTES: To convert CFS to IN/HR, multiply by 0.003241.



1975	SELECTED RUNOFF EVENT			REYNOLDS, LEWIS MURPHY CREEK WATERSHED (043004)						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Eate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 27 - MARCH 1, 1975 (CONTINUED)										
							2-28	720	6.854	0.2092
								800	6.645	0.2237
								840	5.118	0.2364
								932	4.612	0.2501
								1018	4.612	0.2616
								1144	4.777	0.2834
								1254	5.475	0.3028
								1630	4.612	0.3616
								1724	3.845	0.3739
								1856	2.618	0.3902
								2042	2.062	0.4038
								2400	1.622	0.4235
							3- 1	450	1.245	0.4455
								914	1.118	0.4628



LOCATION: Owyhee County, Idaho; 30 miles south of Nampa, Idaho, a west-flowing tributary to Reynolds Creek, tributary to the Snake River.

AREA: 205.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)						BEYNCLDS, IDAHO SUMMIT WATERSHED (048077)							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1975 P	0.53	0.48	1.19	1.72	0.15	0.88	1.07	0.63	0.0	1.84	0.48	0.46	5.45
Q	0.0	0.0	0.0	0.0	0.0	0.0	0.044	0.0	0.0	0.0	0.0	0.0	0.044
STA AV P	1.32	0.44	0.57	0.88	0.45	1.27	0.24	0.70	0.53	1.04	1.02	1.01	5.90
Q	0.002	0.0	0.0	0.002	0.0	0.008	0.005	0.009	0.0	0.0	0.0	0.0	0.025
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS													
Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days	
Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975 7-21	0.218	7-21	0.044	7-21	0.044	7-21	0.044	7-21	0.044	7-20	0.044	7-15	0.044
MAXIMUMS FOR PERIOD OF RECORD													
6-15 1965	0.258	6-19 1965	0.059	6-19 1969	0.059	6-19 1969	0.070	6-20 1965	0.070	6-20 1969	0.070	6-15 1965	0.070
												8-5 1968	0.083

NOTES: Watershed conditions: Sagebrush rangeland with almost exclusive cattle grazing in early spring and late fall. Numerous barren ridges. Vegetation consists largely of big sagebrush, cheatgrass, Sandberg bluegrass, bluebunch wheatgrass, and squirreltail grass. 25% of the area has a vegetative cover of 0-25% and 75% of the area has a vegetative cover of 26-50%. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1967, USDA Misc. Pub. 1262, p. 68.12-5. Records started: Precipitation - 1963; Runoff - 1967. Precipitation: 'Computed Actual' amounts from 1 rain gage. Station average precipitation amounts are based on 1968-75 period of record. Station average runoff amounts are based on 1967-75 period of record. For long-time precipitation records, see National Weather Service records at Boise, Idaho, 50 miles N.E. of watershed.

1975 DAILY PRECIPITATION (inches)						BEYNCLDS, IDAHO SUMMIT WATERSHED (048077)							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.05	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.01	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.50	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08
5	0.16	0.0	0.0	0.05	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.68	0.0	0.22	
7	0.03	0.01	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.08	0.05	0.02	
8	0.03	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.01	0.06	0.19	0.18	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.02	0.03	0.57	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.02	0.01	0.03	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0
12	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.05	0.0
13	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.02	0.0
14	0.0	0.02	0.0	0.06	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0
16	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.02	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.15	0.0	0.0	0.25	0.0	0.23	0.0	0.0	0.0	0.0	0.0
19	0.0	0.16	0.18	0.0	0.03	0.05	0.0	0.32	0.0	0.0	0.0	0.0	0.0
20	0.0	0.02	0.01	0.0	0.02	0.11	0.08	0.0	0.0	0.0	0.14	0.0	0.0
21	0.0	0.0	0.07	0.06	0.0	0.0	0.63	0.0	0.0	0.50	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.10	0.0	0.0
23	0.01	0.0	0.0	0.02	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.07	0.0	0.31	0.09	0.0	0.09	0.0	0.0	0.0	0.0	0.03	0.0	0.0
25	0.0	0.0	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0
26	0.01	0.03	0.0	0.12	0.0	0.0	0.0	0.06	0.0	0.17	0.02	0.07	0.0
27	0.0	0.04	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.05	0.04	0.0	0.0
28	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.02	0.0
31	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.53	0.48	1.15	1.72	0.19	0.68	1.07	0.63	0.0	1.84	0.48	0.46	5.45
STA AV	1.32	0.44	0.97	0.88	0.49	1.27	0.24	0.70	0.53	1.04	1.02	1.01	5.90

NOTES: Values are 'Actual' amounts from a pair of recording gages (shielded and unshielded) at Station 049161. 'Actual' amounts were computed as per relationship developed by W. E. Ramon, "Computing Actual Precipitation", Proceedings of WHO-IDHS Symposium, Gailo, Norway, August, 1972. The equation used is:  $\log_e (U/A) = \log_e (U/S) \times 1.80$ , where U = unshielded catchment, S = shielded catchment, and A = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period. For temperature information, see table of daily maximum and minimum values included for 68.001.

1975 MEAN DAILY DISCHARGE (cfs) REYNOLDS, IDAHC SUMMIT WATERSHED (048077)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.382	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0	0.0	0.0	0.0	0.0	0.0123	0.0	0.0	0.0	0.0	0.0
INCHES	0.0	0.0	0.0	0.0	0.0	0.0	0.044	0.0	0.0	0.0	0.0	0.0
STA AV	0.002	0.0	0.0	0.002	0.0	0.008	0.005	0.009	0.0	0.0	0.0	0.0

NOTES: To convert CFS to IN/DAY, multiply by 0.1161056. STA AV values are based on 9 yr (1967-75) record period.

1975 SELECTED RUNOFF EVENT REYNOLDS, IDAHC SUMMIT WATERSHED (048077)												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT CP JULY 21, 1975												
RG 049X61			EG 049X61									
7-21	0.0	0.0	7-21	1905	0.0	0.0	7-21	1941	0.0	0.0		
				1915	1.3200	0.22		1943	0.086	0.0000		
				1918	4.6011	0.45		1947	7.287	0.0012		
				1921	0.6000	0.46		1948	45.120	0.0033		
				1927	0.3000	0.51		1949	39.442	0.0067		
WATERSHED CONDITIONS:				1940	0.4615	0.61		1950	44.343	0.0101		
The event is thunderstorm								1954	31.864	0.0224		
runoff.								1956	26.086	0.0271		
								2003	13.061	0.0381		
								2006	8.945	0.0408		
								2010	3.845	0.0426		
								2014	1.256	0.0436		
								2018	0.640	0.0440		
								2022	0.334	0.0441		
								2026	0.169	0.0442		
								2030	0.052	0.0442		
								2034	0.050	0.0443		
								2038	0.031	0.0443		
								2042	0.020	0.0443		
								2046	0.011	0.0443		
								2102	0.003	0.0443		
								2122	0.0	0.0443		
								2150	0.0	0.0443		

NOTES: To convert CFS to IN/HR, multiply by 0.0048377.

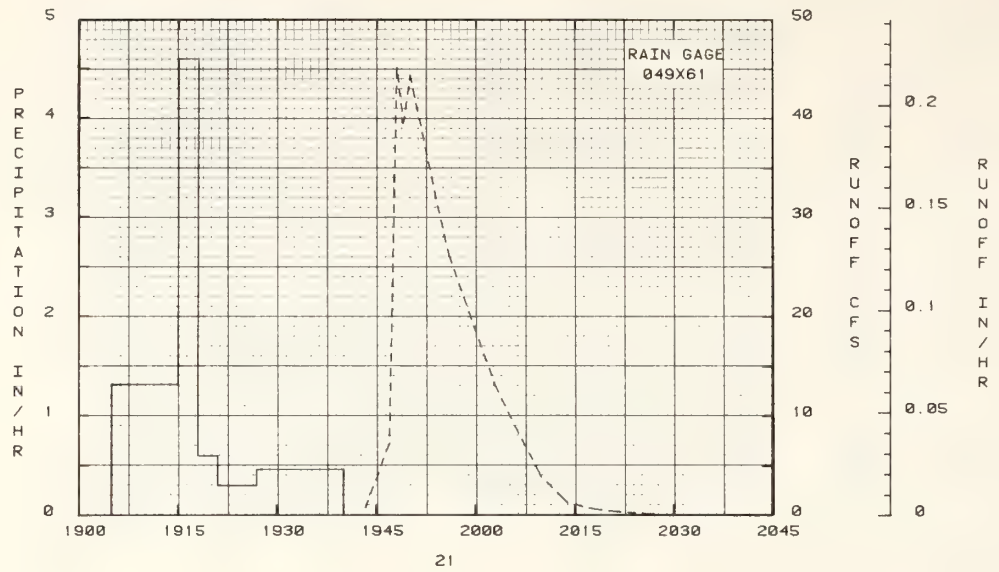
1975	DAILY PRECIPITATION (inches)					BEYNCLCS, IDABC SUMMIT WATERSHED (048077)							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.01	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.01	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.30	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.66	
5	0.05	0.0	0.0	0.03	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.68	0.0	0.18	
7	0.0	0.01	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.07	0.05	0.02	
8	0.03	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.06	0.19	0.14	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.02	0.03	0.47	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.02	0.01	0.03	0.0	0.0	0.0	0.0	0.15	0.0	0.0	
12	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.05	
13	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.02	
14	0.0	0.02	0.0	0.05	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	
16	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.02	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.13	0.0	0.0	0.24	0.0	0.22	0.0	0.0	0.0	0.0	
19	0.0	0.13	0.15	0.0	0.03	0.05	0.0	0.30	0.0	0.0	0.0	0.0	
20	0.0	0.01	0.01	0.0	0.02	0.11	0.06	0.0	0.0	0.0	0.04	0.0	
21	0.0	0.0	0.06	0.06	0.0	0.0	0.63	0.0	0.0	0.45	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.03	0.0	
23	0.01	0.0	0.0	0.02	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.07	0.0	0.27	0.08	0.0	0.09	0.0	0.0	0.0	0.0	0.03	0.0	
25	0.0	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	
26	0.01	0.03	0.0	0.10	0.0	0.0	0.0	0.06	0.0	0.14	0.02	0.07	
27	0.0	0.04	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.05	0.04	0.0	
28	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.02	
31	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	0.21	0.44	1.07	1.31	0.18	0.85	1.04	0.60	0.0	1.72	0.31	0.42	
STA AV													

NOTES: Values are amounts from unshielded recording gage 049461. STA AV do not apply to unshielded rain gage records.

1975	DAILY PRECIPITATION (inches)					BEYNCLCS, IDAHO SUMMIT WATERSHED (048077)							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.03	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.01	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.0	0.0	0.40	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	
5	0.10	0.0	0.0	0.04	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.01	
6	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.68	0.0	0.19	
7	0.02	0.01	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.08	0.05	0.03	
8	0.03	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.01	0.06	0.19	0.16	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.02	0.03	0.52	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.02	0.02	0.03	0.0	0.0	0.0	0.0	0.15	0.0	0.0	
12	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.05	
13	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.02	
14	0.0	0.02	0.0	0.05	0.0	0.0	0.23	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	
16	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.0	0.17	0.0	0.02	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.14	0.0	0.0	0.24	0.0	0.23	0.0	0.0	0.0	0.0	
19	0.0	0.15	0.16	0.0	0.03	0.05	0.0	0.31	0.0	0.0	0.0	0.0	
20	0.0	0.01	0.01	0.0	0.02	0.11	0.08	0.0	0.0	0.0	0.08	0.0	
21	0.0	0.0	0.07	0.06	0.0	0.0	0.63	0.0	0.0	0.48	0.0	0.0	
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.06	0.0	
23	0.01	0.0	0.0	0.03	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.07	0.0	0.29	0.08	0.0	0.09	0.0	0.0	0.0	0.0	0.03	0.0	
25	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	
26	0.01	0.03	0.0	0.11	0.0	0.0	0.0	0.06	0.0	0.16	0.02	0.07	
27	0.0	0.04	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.05	0.04	0.0	
28	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.02	
31	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	0.38	0.46	1.13	1.52	0.19	0.87	1.06	0.62	0.0	1.80	0.38	0.46	
STA AV													

NOTES: Values are amounts from shielded recording gage 045561. STA AV do not apply to shielded rain gage records.





EVENT OF JULY 21, 1975  
 REYNOLDS, IDAHO SUMMIT WATERSHED (048077)

REYNOLDS, IDAEO REYNOLDS MOUNTAIN WATERSHED (166076)

LOCATION: Cwyhee County, Idaho; 34 miles south of Nampa, north flowing tributary to the east fork of Reynolds Creek, Snake River Basin. Lat. 43 deg. 4 min. 16 sec. N.; Long. 116 deg. 45 min. 27 sec. W.

AREA: 100.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)						REYNOLDS, IDEAC REYNOLDS MOUNTAIN WATERSHED (166076)											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	6.55	10.23	10.31	5.15	1.50	2.17	1.76	1.66	0.02	5.60	4.61	4.78	54.34			
	Q	0.217	0.176	0.273	0.255	9.991	13.916	2.321	0.234	0.104	0.288	0.360	0.665	28.801			
STA AV	P	7.60	4.48	4.88	3.32	1.54	2.06	0.74	1.14	1.10	3.12	4.51	6.58	41.47			
	Q	0.402	0.310	0.658	2.401	10.500	5.545	0.648	0.099	0.065	0.144	0.248	0.245	21.264			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6- 2	0.052	6- 2	0.075	6- 2	0.143	6- 2	0.400	6- 2	0.652	6- 2	1.117	6- 1	2.013	5-30	7.174
MAXIMUMS FOR PERIOD OF RECORD																	
		6- 2	0.092	6- 2	0.079	6- 2	0.143	6- 2	0.400	6- 2	0.652	6- 2	1.117	6- 1	2.013	5-30	7.174
1975				1975		1975		1975		1975		1975		1975		1975	

NOTES: Watershed conditions: Rangeland watershed with seasonal grazing of cattle and sheep. Scrub aspen, willow, scattered Douglas fir, and sagebrush with natural mountain meadows. Vegetative cover varies with annual precipitation. Type of cover is 32% shrub and brush, 17% grass and forbes, and 9% rock and rock fragments. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, p. 68.13-4. Records started: Precipitation-1963; Runoff-1966. Precipitation: 'Computed Actual' amounts from one rain gage. Station average precipitation values based on 1966-75 record period. Station average runoff values based on 1966-75 record period. For long-time precipitation records, see National Weather Service records at Boise, Idaho, 50 miles N.E. of watershed.

1975 DAILY AIR TEMPERATURE (degrees F)														REYNOLDS, IDAHO REYNOLDS MOUNTAIN WATERSHED (166076)													
Day	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec				
	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min			
1	24	5	26	16	45	44	20	12	39	25	67	49	65	46	63	43	50	37	65	49	45	33	35	31			
2	17	10	25	19	35	30	27	14	35	25	62	35	65	50	72	51	56	36	71	53	46	35	11	32			
3	25	13	24	18	40	27	26	24	36	22	50	36	76	54	74	54	60	43	61	52	53	41	43	36			
4	27	17	22	15	37	26	24	21	25	20	60	40	77	59	79	59	64	45	59	47	59	43	38	27			
5	28	17	23	13	44	23	23	19	28	21	70	48	80	60	77	59	70	50	65	48	57	45	33	24			
6	28	20	29	17	39	24	21	18	31	25	66	48	77	60	75	56	76	59	55	31	42	30	35	32			
7	29	20	31	25	35	27	23	16	33	27	60	35	76	60	61	41	74	58	31	27	35	25	27	33			
8	29	13	32	26	35	26	23	15	38	30	52	32	78	60	65	49	72	55	37	26	25	17	45	35			
9	12	4	34	26	37	22	28	20	43	33	51	35	76	62	72	54	69	55	46	36	32	15	47	36			
10	20	5	27	22	33	20	29	23	49	39	58	35	77	58	73	57	65	55	45	34	35	17	37	31			
11	14	10	29	20	23	17	30	22	44	30	70	48	68	57	71	53	64	51	35	30	25	17	32	27			
12	26	14	30	27	25	12	33	21	48	30	69	49	72	56	70	53	67	50	35	29	39	19	29	11			
13	30	23	31	25	32	19	36	24	53	39	66	49	69	51	70	55	68	51	35	30	48	37	16	9			
14	34	27	24	12	36	18	36	25	61	45	68	46	75	56	67	54	66	53	46	29	44	40	16	7			
15	39	30	26	11	34	25	29	23	58	40	66	47	68	59	68	52	67	50	47	37	46	31	25	16			
16	33	26	17	11	25	16	29	22	51	36	57	39	61	45	71	55	65	47	53	38	33	21	25	19			
17	38	27	17	11	27	16	30	22	55	35	44	31	62	52	61	46	56	38	58	43	21	13	31	20			
18	37	25	24	13	33	27	33	24	55	39	42	29	68	45	48	44	53	34	50	39	19	11	35	21			
19	43	26	29	21	50	21	33	26	42	15	44	35	73	52	44	41	55	36	54	39	23	14	32	23			
20	35	15	22	7	25	15	35	18	31	19	50	39	75	58	52	41	55	37	53	43	22	17	26	25			
21	29	11	11	5	25	13	38	25	40	27	59	41	73	53	57	44	58	42	53	27	27	18	37	29			
22	37	17	21	7	22	15	38	29	46	33	66	46	72	54	62	47	63	46	27	19	30	20	33	21			
23	34	30	23	17	24	17	32	26	51	34	64	54	73	56	58	41	68	53	22	15	32	26	26	23			
24	36	31	32	22	31	24	32	27	38	24	55	30	76	58	55	34	67	54	24	14	30	24	31	26			
25	38	32	31	21	30	8	30	22	47	20	41	28	78	61	63	47	66	49	35	23	25	16	33	25			
26	34	5	33	23	10	5	29	22	54	34	56	36	78	60	69	53	62	43	34	24	28	22	35	23			
27	13	4	37	27	9	3	29	22	45	33	47	33	85	64	69	52	66	47	27	23	23	17	23	16			
28	13	4	45	35	11	1	30	19	45	32	57	34	76	59	53	35	64	45	33	24	16	4	30	18			
29	16	1			30	10	31	18	60	38	62	38	67	44	60	40	57	39	49	32	12	3	36	30			
30	8	1			29	18	37	18	60	45	66	49	55	38	64	46	61	43	47	31	31	10	34	10			
31	19	5			18	13			62	45			56	37	56	36			40	24							
AV.	27	16	27	18	30	19	30	21	46	31	58	40	72	54	65	48	63	47	45	33	33	23	32	23			
MEAN	21.9		22.7		24.4		25.6		38.4		45.1		63.2		56.5		55.1		36.9		28.1		27.8				
STA AV	28	19	32	21	33	22	37	23	52	36	63	44	73	54	72	53	61	43	46	32	36	26	26	19			

NOTES: Temperature data are taken from hygrothermograph record at station 176114. STA AV based on 1966-75 record period.

1975	DAILY PRECIPITATION (inches)					REYNOLDS, IDAHO REYNOLDS MOUNTAIN WATERSHED (166076)						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.02	0.19	0.18	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.69
2	0.0	0.45	0.32	0.01	0.0	0.72	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.34	0.02	0.89	0.26	0.07	0.0	0.0	0.0	0.0	0.0	0.0
4	0.34	0.28	0.0	0.07	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.30
5	1.74	0.0	0.0	0.09	0.14	0.0	0.38	0.0	0.0	0.0	0.0	0.43
6	0.49	0.0	0.0	0.08	0.11	0.0	0.0	0.0	0.0	1.33	0.18	0.91
7	0.50	0.13	0.26	0.12	0.01	0.0	0.0	0.0	0.0	0.57	0.33	0.02
8	0.53	0.15	0.35	0.17	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.0
9	1.17	0.63	0.38	0.36	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.25	0.89	0.05	0.53	0.0	0.0	0.04	0.0	0.0	0.03	0.29	0.0
11	0.02	0.02	0.0	0.01	0.14	0.0	0.22	0.0	0.0	0.35	0.0	0.29
12	0.0	1.83	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.19	0.0	0.52
13	0.0	1.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.36
14	0.0	0.30	0.04	0.22	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0
15	0.0	0.01	0.03	0.08	0.0	0.0	0.0	0.0	0.01	0.0	0.23	0.27
16	0.04	0.17	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.26	0.04
17	0.0	0.0	1.21	0.03	0.0	0.21	0.0	0.13	0.0	0.0	0.06	0.0
18	0.0	0.03	1.03	0.0	0.0	0.22	0.0	0.27	0.0	0.0	0.01	0.0
19	0.0	1.98	1.15	0.23	0.23	0.30	0.0	0.72	0.0	0.0	0.0	0.0
20	0.0	0.25	0.10	0.0	0.07	0.18	0.36	0.05	0.0	0.0	0.25	0.0
21	0.0	0.09	0.98	0.04	0.01	0.0	0.56	0.26	0.0	0.51	0.0	0.0
22	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.22	0.25	0.02
23	0.10	0.0	0.75	0.28	0.16	0.0	0.0	0.21	0.0	0.03	0.04	0.0
24	0.99	0.0	0.98	0.40	0.04	0.39	0.0	0.0	0.0	0.0	0.03	0.03
25	0.0	0.0	1.39	0.18	0.0	0.08	0.0	0.0	0.0	0.84	0.0	0.0
26	0.29	0.15	0.0	1.26	0.0	0.0	0.0	0.0	0.0	1.20	0.57	0.47
27	0.02	0.30	0.0	0.07	0.0	0.0	0.01	0.01	0.0	0.16	0.20	0.0
28	0.0	0.55	0.0	0.02	0.0	0.0	0.0	0.01	0.0	0.04	0.18	0.0
29	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.05
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	1.61	0.24
31	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14
TOTAL	6.55	10.23	10.31	5.15	1.50	2.17	1.76	1.66	0.02	5.60	4.61	4.78
STA AV	7.60	4.48	4.88	3.32	1.54	2.06	0.74	1.14	1.10	3.12	4.51	6.58

NOTES: Values are 'Actual' amounts from a pair of recording gages (shielded and unshielded) at Station 176107. 'Actual' amounts were computed as per relationship developed by W. E. Hamon, "Computing Actual Precipitation", Proceedings of WMO-IDHS Symposium, Geilo, Norway, August, 1972. The equation used is:  $\log_e (U/A) = \log_e (U/S) \times 1.80$ , where U = unshielded catchment, S = shielded catchment, and A = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period.

1975	DAILY PRECIPITATION (inches)					REYNOLDS, IDAHO REYNOLDS MOUNTAIN WATERSHED (166076)						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.01	0.07	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.39
2	0.0	0.16	0.21	0.0	0.0	0.67	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.10	0.01	0.29	0.09	0.07	0.0	0.0	0.0	0.0	0.0	0.0
4	0.15	0.08	0.0	0.01	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.20
5	0.78	0.0	0.0	0.03	0.03	0.0	0.35	0.0	0.0	0.0	0.0	0.35
6	0.17	0.0	0.0	0.03	0.03	0.0	0.0	0.0	0.0	1.26	0.13	0.77
7	0.14	0.03	0.13	0.03	0.0	0.0	0.0	0.0	0.0	0.45	0.23	0.02
8	0.16	0.04	0.19	0.08	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0
9	0.32	0.19	0.20	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.05	0.35	0.01	0.28	0.0	0.0	0.04	0.0	0.0	0.02	0.21	0.0
11	0.0	0.0	0.0	0.0	0.03	0.0	0.21	0.0	0.0	0.29	0.0	0.19
12	0.0	0.90	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.16	0.0	0.34
13	0.0	0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.14
14	0.0	0.14	0.01	0.05	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0
15	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.01	0.0	0.18	0.10
16	0.04	0.08	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	0.01
17	0.0	0.0	0.46	0.01	0.0	0.19	0.0	0.11	0.0	0.0	0.05	0.0
18	0.0	0.01	0.46	0.0	0.0	0.19	0.0	0.21	0.0	0.0	0.01	0.0
19	0.0	0.89	0.56	0.05	0.12	0.26	0.0	0.68	0.0	0.0	0.0	0.0
20	0.0	0.11	0.05	0.0	0.06	0.16	0.34	0.05	0.0	0.0	0.13	0.0
21	0.0	0.04	0.49	0.01	0.01	0.0	0.56	0.25	0.0	0.40	0.0	0.0
22	0.0	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.13	0.02
23	0.05	0.0	0.35	0.08	0.14	0.0	0.0	0.20	0.0	0.02	0.02	0.0
24	0.48	0.0	0.49	0.11	0.03	0.30	0.0	0.0	0.0	0.0	0.02	0.01
25	0.0	0.0	0.79	0.05	0.0	0.06	0.0	0.0	0.0	0.71	0.0	0.0
26	0.14	0.10	0.0	0.86	0.0	0.0	0.0	0.0	0.0	1.01	0.35	0.17
27	0.01	0.21	0.0	0.05	0.0	0.0	0.01	0.01	0.0	0.13	0.10	0.0
28	0.0	0.38	0.0	0.01	0.0	0.0	0.0	0.01	0.0	0.02	0.09	0.0
29	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.02
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.50	0.12
31	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07
TOTAL	2.51	4.62	4.87	2.23	0.66	1.50	1.65	1.52	0.02	4.75	2.82	2.92
STA AV												

NOTES: Values are amounts from unshielded recording gage 176407. STA AV do not apply to unshielded rain gage records.



1975	DAILY PRECIPITATION (inches)					REYNOLDS, IDABC REYNOLDS MOUNTAIN WATERHEEL (166076)							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.02	0.13	0.15	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.53
2	0.0	0.30	0.27	0.01	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.22	0.02	0.55	0.18	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.23	0.18	0.0	0.05	0.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.26
5	1.22	0.0	0.0	0.06	0.10	0.0	0.37	0.0	0.0	0.0	0.0	0.0	0.35
6	0.32	0.0	0.0	0.05	0.08	0.0	0.0	0.0	0.0	1.30	0.16	0.25	0.25
7	0.31	0.06	0.19	0.08	0.01	0.0	0.0	0.0	0.0	0.51	0.28	0.02	0.02
8	0.33	0.10	0.27	0.15	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0
9	0.68	0.40	0.28	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.15	0.61	0.03	0.44	0.0	0.0	0.04	0.0	0.0	0.03	0.25	0.0	0.0
11	0.01	0.01	0.0	0.01	0.10	0.0	0.22	0.0	0.0	0.33	0.0	0.25	0.25
12	0.0	1.39	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.17	0.0	0.43	0.43
13	0.0	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.23	0.23
14	0.0	0.23	0.02	0.17	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0
15	0.0	0.01	0.02	0.05	0.0	0.0	0.0	0.0	0.01	0.0	0.21	0.18	0.18
16	0.04	0.13	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.03	0.03
17	0.0	0.0	0.80	0.02	0.0	0.20	0.0	0.12	0.0	0.0	0.05	0.0	0.0
18	0.0	0.01	0.73	0.0	0.0	0.21	0.0	0.24	0.0	0.0	0.01	0.0	0.0
19	0.0	1.39	0.84	0.14	0.19	0.29	0.0	0.71	0.0	0.0	0.0	0.0	0.0
20	0.0	0.18	0.07	0.0	0.07	0.16	0.35	0.05	0.0	0.0	0.19	0.0	0.0
21	0.0	0.06	0.73	0.02	0.01	0.0	0.56	0.25	0.0	0.46	0.0	0.0	0.0
22	0.0	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.19	0.19	0.02	0.02
23	0.08	0.0	0.53	0.16	0.15	0.0	0.0	0.21	0.0	0.02	0.02	0.0	0.0
24	0.71	0.0	0.74	0.23	0.03	0.35	0.0	0.0	0.0	0.0	0.03	0.02	0.02
25	0.0	0.0	1.10	0.10	0.0	0.07	0.0	0.0	0.0	0.75	0.0	0.0	0.0
26	0.21	0.13	0.0	1.06	0.0	0.0	0.0	0.0	0.0	1.11	0.46	0.29	0.29
27	0.02	0.26	0.0	0.06	0.0	0.0	0.01	0.01	0.0	0.15	0.15	0.0	0.0
28	0.0	2.46	0.0	0.01	0.0	0.0	0.0	0.01	0.0	0.03	0.14	0.0	0.0
29	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.04	0.04
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	1.26	0.17	0.17
31	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.11
TOTAL	4.36	7.40	7.46	3.76	1.15	2.05	1.73	1.60	0.02	5.22	3.72	3.62	3.62
STA AV													

NOTES: Values are amounts from shielded recording gage 176507. STA AV do not apply to shielded rain gage records.

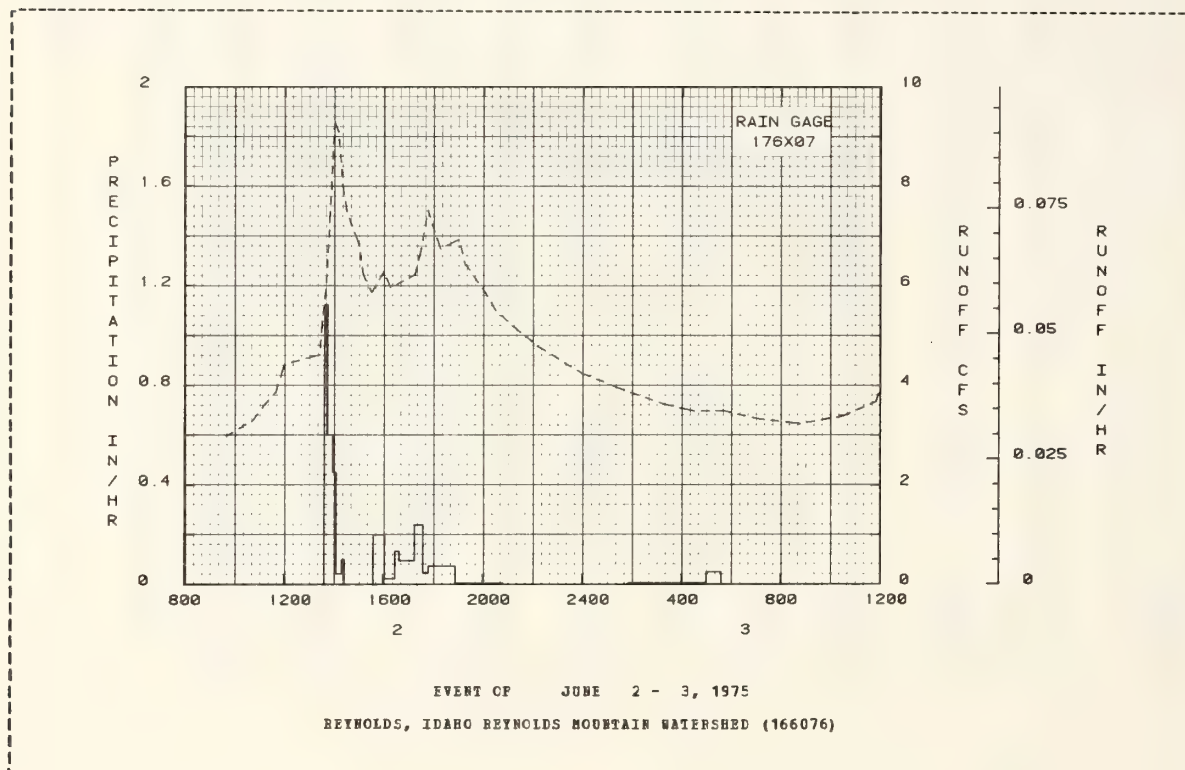
1975	MEAN DAILY DISCHARGE (cfs)					REYNOLDS, IDABC REYNOLDS MOUNTAIN WATERHEEL (166076)							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.024	0.040	0.078	0.028	0.080	3.533	0.633	0.052	0.020	0.014	0.055	0.047	0.047
2	0.024	0.039	0.091	0.028	0.130	4.519	0.631	0.045	0.020	0.013	0.061	0.057	0.057
3	0.024	0.032	0.067	0.028	0.171	3.500	0.628	0.040	0.020	0.014	0.074	0.056	0.056
4	0.024	0.026	0.056	0.028	0.132	3.635	0.635	0.036	0.017	0.014	0.080	0.056	0.056
5	0.024	0.025	0.050	0.028	0.099	3.802	0.672	0.033	0.017	0.015	0.078	0.058	0.058
6	0.025	0.024	0.046	0.028	0.086	3.809	0.663	0.029	0.015	0.061	0.077	0.195	0.195
7	0.027	0.023	0.041	0.027	0.075	3.253	0.627	0.030	0.013	0.042	0.073	0.317	0.317
8	0.028	0.023	0.036	0.026	0.100	2.779	0.641	0.028	0.013	0.039	0.066	0.153	0.153
9	0.027	0.023	0.035	0.026	0.246	2.456	0.587	0.027	0.013	0.035	0.052	0.167	0.167
10	0.026	0.026	0.034	0.026	0.853	2.277	0.500	0.025	0.015	0.031	0.047	0.151	0.151
11	0.026	0.024	0.033	0.026	1.070	2.169	0.494	0.024	0.015	0.042	0.047	0.127	0.127
12	0.026	0.025	0.033	0.026	0.881	2.147	0.401	0.023	0.015	0.041	0.045	0.108	0.108
13	0.027	0.025	0.033	0.031	1.411	2.010	0.334	0.022	0.014	0.037	0.041	0.095	0.095
14	0.028	0.024	0.031	0.042	2.214	1.905	0.277	0.023	0.014	0.034	0.042	0.085	0.085
15	0.025	0.024	0.030	0.035	2.365	1.853	0.228	0.022	0.014	0.032	0.053	0.080	0.080
16	0.024	0.024	0.029	0.034	2.472	1.549	0.208	0.020	0.013	0.031	0.062	0.077	0.077
17	0.024	0.024	0.029	0.031	2.175	1.407	0.177	0.025	0.012	0.028	0.052	0.073	0.073
18	0.024	0.024	0.029	0.030	2.172	1.140	0.151	0.044	0.014	0.028	0.047	0.070	0.070
19	0.023	0.024	0.028	0.030	1.645	1.110	0.132	0.078	0.015	0.027	0.044	0.066	0.066
20	0.022	0.024	0.027	0.030	0.945	1.114	0.146	0.049	0.016	0.026	0.044	0.064	0.064
21	0.022	0.024	0.026	0.030	1.001	1.039	0.197	0.052	0.015	0.033	0.040	0.063	0.063
22	0.022	0.024	0.026	0.044	1.159	0.584	0.156	0.036	0.013	0.037	0.037	0.060	0.060
23	0.021	0.024	0.027	0.059	2.139	0.937	0.107	0.042	0.012	0.031	0.038	0.058	0.058
24	0.032	0.024	0.028	0.056	1.640	0.521	0.089	0.031	0.012	0.029	0.037	0.060	0.060
25	0.046	0.023	0.028	0.058	1.527	0.840	0.076	0.026	0.012	0.031	0.036	0.059	0.059
26	0.051	0.022	0.029	0.055	1.658	0.723	0.065	0.023	0.013	0.116	0.036	0.058	0.058
27	0.048	0.021	0.029	0.049	2.044	0.672	0.061	0.020	0.013	0.080	0.038	0.058	0.058
28	0.044	0.054	0.027	0.044	2.431	0.630	0.058	0.021	0.013	0.065	0.038	0.056	0.056
29	0.042	0.029	0.029	0.042	2.549	0.634	0.054	0.020	0.014	0.063	0.037	0.058	0.058
30	0.040	0.029	0.029	0.047	3.126	0.636	0.057	0.019	0.015	0.060	0.035	0.058	0.058
31	0.040	0.028	0.028	0.0	3.362	0.055	0.019	0.019	0.015	0.056	0.0	0.057	0.057
MEAN	0.0294	0.0265	0.0370	0.0358	1.3541	1.5488	0.3146	0.0317	0.0146	0.0350	0.0505	0.0901	0.0901
INCHES	0.217	0.176	0.273	0.255	9.991	13.516	2.321	0.234	0.104	0.288	0.360	0.665	0.665
STA AV	0.402	0.310	0.658	2.401	10.500	5.545	0.648	0.099	0.065	0.144	0.248	0.245	0.245

NOTES: To convert CFS to IN/DAV, multiply by 0.238017. STA AV based on 10 yr (1966-75) record period.



1975 SELECTED RUNOFF EVENT			REYNOLDS, IDAHO REYNOLDS MOUNTAIN WATERSHED (166076)							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF JUNE 2 - 3, 1975										
6- 2	RG 176X07 0.0	0.302	6- 2	FG 176X07 1337	0.0	0.0	6- 2	940	2.966	0.0
				1345	1.1250	0.15		1045	3.313	0.0336
				1358	0.6000	0.28		1110	3.556	0.0481
				1406	0.4500	0.34		1140	3.861	0.0667
				1420	0.0428	0.35		1200	4.426	0.0804
WATERSHED CONDITIONS: The event is combined rain and snowmelt.				1426	0.1001	0.36		1325	4.620	0.1439
				1536	0.0	0.36		1330	5.145	0.1480
				1603	0.2000	0.45		1340	5.931	0.1571
				1629	0.0231	0.46		1350	7.561	0.1682
				1638	0.1334	0.48		1400	9.270	0.1821
				1716	0.0547	0.54		1410	9.082	0.1573
				1736	0.2400	0.62		1420	7.975	0.2114
				1749	0.0461	0.63		1430	7.450	0.2241
				1854	0.0738	0.71		1500	6.806	0.2596
				2049	0.0052	0.72		1510	6.225	0.2703
			6- 3	152	0.0	0.72		1530	5.858	0.2903
				500	0.0064	0.74		1600	6.269	0.3204
				536	0.0500	0.77		1615	5.962	0.3356
								1715	6.225	0.3961
								1730	6.772	0.4122
								1745	7.525	0.4255
								1815	6.739	0.4653
								1900	6.931	0.5161
								1915	6.430	0.5327
								2000	5.910	0.5785
								2030	5.455	0.6068
								2115	5.145	0.6464
								2215	4.764	0.6555
								2400	4.228	0.7736
							6- 3	140	3.857	0.8407
								320	3.606	0.9027
								430	3.484	0.9437
								540	3.491	0.9841
								700	3.327	1.0292
								845	3.233	1.0861

NOTES: To convert CFS to IN/HR, multiply by 0.00517.



## REYNOLDS, IDAHO LCWEE SHEEP CREEK WATERSHED (117066)

LOCATION: Cwyhee County, Idaho; 40 miles south of Hampa, Idaho; a tributary to Reynolds Creek, a tributary to the Snake River. Lat. 43 deg. 8 min. 53 sec. N.; long. 116 deg. 44 min. 14 sec. W.

AREA: 33.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)													
REYNOLDS, IDAHO LCWEE SHEEP CREEK WATERSHED (117066)													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1972	P 1.95	1.22	1.29	0.59	0.41	1.67	0.0	0.58	0.54	1.71	0.94	2.67	14.01
	Q 0.530	0.237	0.137	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.904
1973	P 0.81	0.28	0.82	2.59	0.32	0.55	0.28	0.31	0.92	0.45	2.32	1.60	11.25
	Q 0.000	0.0	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.014
1974	P 1.22	0.19	3.05	0.23	0.25	0.30	0.52	0.15	0.0	2.19	0.82	1.47	10.39
	Q 0.061	0.001	0.188	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.256
1975	P 0.52	1.50	2.15	2.15	0.71	1.59	0.60	0.87	0.32	3.04	0.80	0.65	15.10
	Q 0.076	0.551	0.080	0.109	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.816
STA AV	P 1.82	0.76	1.58	1.19	0.69	1.31	0.35	0.67	0.74	1.46	1.40	1.52	13.45
	Q 0.136	0.093	0.112	0.018	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.001	0.359
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS													
Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval							
Date	Date	Date	Vol.	Date	Vol.	6 Hours	12 Hours	1 Day	2 Days	8 Days			
						Date	Date	Date	Date	Date			
1972	1-22 0.062	1-22 0.053	1-22 0.097	1-22 0.205	1-22 0.291	1-21 0.326	1-20 0.379	1-18 0.518					
1973	4-17 0.0	4-17 0.0	4-17 0.001	4-17 0.002	4-16 0.004	4-16 0.006	4-15 0.009	4-13 0.013					
1974	3-15 0.011	3-15 0.011	3-15 0.020	3-15 0.046	3-15 0.056	3-14 0.071	3-14 0.092	3-11 0.162					
1975	2-27 0.027	2-13 0.025	2-13 0.045	2-13 0.125	2-13 0.197	2-13 0.285	2-12 0.297	2-7 0.304					
MAXIMUMS FOR PERIOD OF RECORD													
1-22 0.062	1-22 0.053	1-22 0.097	1-22 0.205	1-22 0.291	1-21 0.326	1-20 0.379	1-18 0.518						
1972	1972	1972	1972	1972	1972	1972	1972						

NOTES: Watershed conditions: Watershed is entirely sagebrush rangeland used almost exclusively for cattle grazing. Vegetation consists of bluebunch wheatgrass, Sandberg bluegrass, cheatgrass, yarrow, and little sagebrush. 90% of the area has a vegetative cover of 0-25% and 10% of the area has a vegetative cover of 26-50%. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1967, USDA Misc. Pub. 1262, p. 68, 014-6. Records began: Precipitation-1963; Runoff-1967. Precipitation: 'Computed Actual' amounts from one rain gage. Station average precipitation amounts are based on 1968-75 record period. Station average runoff amounts are based on 1967-75 record period. Monthly P are revised and supersede values previously published in the Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1972, USDA Misc. Pub. 1412. Station averages are revised and supersede values that were previously published in the Hydrologic Data for Experimental Agricultural Watersheds in the United States, USDA Misc. Pub. 1412 (1972), 1420 (1973) and 1437 (1974), respectively. For long-time precipitation records, see National Weather Service records at Boise, Idaho, 50 miles N.E. of watershed.





1972 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.09	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.41	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.02	0.0	0.08	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.34
4	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.14	0.04
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0
6	0.0	0.0	0.0	0.01	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.09
7	0.01	0.0	0.0	0.0	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.05
8	0.0	0.0	0.02	0.0	0.0	0.12	0.0	0.0	0.0	0.0	0.07	0.02
9	0.0	0.0	0.0	0.0	0.0	0.18	0.0	0.01	0.0	0.19	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.02	0.0	0.03	0.0	0.0
11	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.24	0.04	0.04	0.0
12	0.19	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10
13	0.02	0.11	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.01	0.02	0.0
15	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.01	0.0	0.12	0.01	0.0
16	0.0	0.0	0.0	0.05	0.0	0.01	0.0	0.0	0.0	0.04	0.03	0.0
17	0.01	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.33
18	0.35	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.06
19	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.15	0.01	0.83	0.30	0.05
20	0.02	0.0	0.0	0.0	0.10	0.0	0.0	0.02	0.0	0.0	0.0	0.0
21	0.14	0.0	0.0	0.19	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.78	0.06	0.0	0.0	0.01	0.0	0.0	0.0	0.01	0.0	0.0	0.04
23	0.07	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08
24	0.0	0.02	0.01	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.03
25	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0
26	0.01	0.05	0.04	0.0	0.0	0.0	0.0	0.0	0.25	0.04	0.10	0.0
27	0.06	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.01
28	0.0	0.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.02
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01
31	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10
TOTAL	1.72	0.71	0.87	0.39	0.36	1.64	0.0	0.54	0.91	1.44	0.75	1.37
STA AV												

NOTES: Values are amounts from unshielded recording gage 127407. STA AV do not apply to unshielded rain gage records. Precipitation values are revised and supersede values previously published for 1972.

1972 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.11	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.45	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.02	0.0	0.09	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.45
4	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.16	0.05
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0
6	0.0	0.0	0.0	0.01	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.12
7	0.01	0.0	0.0	0.0	0.0	0.71	0.0	0.0	0.0	0.0	0.0	0.07
8	0.0	0.0	0.02	0.0	0.0	0.12	0.0	0.0	0.0	0.0	0.08	0.03
9	0.0	0.0	0.0	0.0	0.0	0.18	0.0	0.01	0.0	0.21	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.02	0.0	0.03	0.0	0.0
11	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.25	0.04	0.04	0.0
12	0.24	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13
13	0.03	0.17	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.01	0.02	0.0
15	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.01	0.0	0.12	0.01	0.0
16	0.0	0.0	0.0	0.08	0.0	0.01	0.0	0.0	0.0	0.04	0.04	0.0
17	0.01	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.38
18	0.43	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.10
19	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.17	0.01	0.86	0.36	0.12
20	0.02	0.0	0.0	0.0	0.10	0.0	0.0	0.02	0.0	0.0	0.0	0.0
21	0.14	0.0	0.0	0.20	0.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.78	0.11	0.0	0.0	0.01	0.0	0.0	0.0	0.01	0.0	0.0	0.09
23	0.08	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14
24	0.0	0.03	0.03	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.05
25	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0
26	0.01	0.06	0.08	0.0	0.0	0.0	0.0	0.0	0.25	0.06	0.10	0.0
27	0.06	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.02
28	0.0	0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.0	0.05
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02
31	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.19
TOTAL	1.87	0.97	1.08	0.48	0.39	1.65	0.0	0.57	0.93	1.57	0.85	2.01
STA AV												

NOTES: Values are amounts from shielded recording gage 127507. STA AV do not apply to shielded rain gage records. Precipitation values are revised and supersede values previously published for 1972.



1975	DAILY PRECIPITATION (inches)					REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.05	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.12	0.01	0.0	0.03	0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.01	0.0	0.42	0.10	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.11	0.02	0.0	0.02	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.09
5	0.05	0.0	0.0	0.06	0.09	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.09
6	0.13	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	1.06	0.02	0.23	
7	0.01	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.09	0.0	
8	0.03	0.01	0.10	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	
9	0.02	0.17	0.31	0.15	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	
10	0.02	0.05	0.03	0.40	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	
11	0.0	0.0	0.0	0.04	0.04	0.0	0.0	0.0	0.0	0.24	0.0	0.02	
12	0.0	0.21	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.06	0.0	0.17	
13	0.0	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	
14	0.0	0.10	0.0	0.05	0.0	0.0	0.0	0.0	0.31	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.01	0.0	0.07	0.0	
16	0.01	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	
17	0.0	0.0	0.04	0.0	0.0	0.11	0.0	0.06	0.0	0.0	0.01	0.0	
18	0.0	0.0	0.21	0.0	0.0	0.35	0.0	0.08	0.0	0.0	0.0	0.0	
19	0.0	0.14	0.26	0.0	0.08	0.30	0.0	0.47	0.0	0.0	0.0	0.0	
20	0.0	0.08	0.03	0.0	0.04	0.14	0.31	0.02	0.0	0.0	0.12	0.0	
21	0.0	0.0	0.19	0.03	0.0	0.0	0.08	0.04	0.0	0.51	0.01	0.0	
22	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.02	0.0	
23	0.02	0.0	0.0	0.08	0.03	0.0	0.0	0.20	0.0	0.0	0.0	0.0	
24	0.06	0.0	0.16	0.30	0.0	0.20	0.0	0.0	0.0	0.0	0.04	0.0	
25	0.0	0.0	0.37	0.0	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	
26	0.01	0.01	0.0	0.54	0.0	0.0	0.0	0.0	0.0	0.61	0.11	0.16	
27	0.0	0.03	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	
28	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	
29	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.04	
31	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	0.52	1.50	2.15	2.15	0.71	1.59	0.60	0.87	0.32	3.04	0.80	0.65	
STA AV	1.82	0.76	1.58	1.19	0.69	1.31	0.35	0.67	0.74	1.46	1.40	1.52	

NOTES: Values are 'Actual' amounts from a pair of recording gages (shielded and unshielded) 127X07. 'Actual' amounts were computed as per relationship developed by W. R. Hamon, "Computing Actual Precipitation", Proceedings of WMO-IDHS Symposium, Geilo, Norway, August, 1972. The equation used is:  $\log_e (U/A) = \log_e (U/S) \times 1.80$ , where U = unshielded catchment, S = shielded catchment, and A = actual amount of precipitation. STA AV values are based on 8 yr (1968-75) record period.

1975	DAILY PRECIPITATION (inches)					REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.02	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	0.05	0.01	0.0	0.01	0.47	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.01	0.0	0.23	0.03	0.02	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.04	0.01	0.0	0.01	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.08	
5	0.02	0.0	0.0	0.03	0.02	0.0	0.06	0.0	0.0	0.0	0.0	0.08	
6	0.05	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.92	0.02	0.20	
7	0.01	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.07	0.0	
8	0.03	0.01	0.06	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	
9	0.02	0.16	0.20	0.11	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	
10	0.02	0.05	0.03	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	
11	0.0	0.0	0.0	0.03	0.04	0.0	0.0	0.0	0.0	0.15	0.0	0.01	
12	0.0	0.12	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.02	0.0	0.08	
13	0.0	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	
14	0.0	0.06	0.0	0.04	0.0	0.0	0.0	0.0	0.31	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.01	0.0	0.07	0.0	
16	0.01	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	
17	0.0	0.0	0.04	0.0	0.0	0.11	0.0	0.06	0.0	0.0	0.01	0.0	
18	0.0	0.0	0.20	0.0	0.0	0.34	0.0	0.08	0.0	0.0	0.0	0.0	
19	0.0	0.05	0.26	0.0	0.08	0.27	0.0	0.47	0.0	0.0	0.0	0.0	
20	0.0	0.03	0.01	0.0	0.04	0.13	0.29	0.01	0.0	0.0	0.08	0.0	
21	0.0	0.0	0.06	0.02	0.0	0.0	0.08	0.04	0.0	0.36	0.01	0.0	
22	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.01	0.0	
23	0.02	0.0	0.0	0.04	0.03	0.0	0.0	0.20	0.0	0.0	0.0	0.0	
24	0.06	0.0	0.03	0.17	0.0	0.20	0.0	0.0	0.0	0.0	0.03	0.0	
25	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.28	0.0	0.0	
26	0.01	0.01	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.48	0.04	0.08	
27	0.0	0.02	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	
28	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	
29	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.02	
31	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	0.31	0.89	1.35	1.32	0.35	1.54	0.58	0.86	0.32	2.33	0.47	0.57	
STA AV													

NOTES: Values are amounts from unshielded recording gage 127407. STA AV do not apply to unshielded rain gage records.

1975 DAILY PRECIPITATION (inches) REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.03	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.09	0.01	0.0	0.02	0.47	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.01	0.0	0.33	0.07	0.02	0.0	0.0	0.0	0.0	0.0	0.0
4	0.07	0.01	0.0	0.01	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.08
5	0.03	0.0	0.0	0.04	0.06	0.0	0.06	0.0	0.0	0.0	0.0	0.05
6	0.09	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	1.04	0.03	0.22
7	0.01	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.07	0.0
8	0.03	0.01	0.08	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0
9	0.02	0.16	0.25	0.14	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0
10	0.02	0.05	0.03	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0
11	0.0	0.0	0.0	0.04	0.04	0.0	0.0	0.0	0.0	0.22	0.0	0.01
12	0.0	0.17	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.05	0.0	0.13
13	0.0	0.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03
14	0.0	0.09	0.0	0.05	0.0	0.0	0.0	0.0	0.31	0.0	0.0	0.0
15	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.01	0.0	0.07	0.0
16	0.01	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0
17	0.0	0.0	0.04	0.0	0.0	0.11	0.0	0.06	0.0	0.0	0.01	0.0
18	0.0	0.0	0.21	0.0	0.0	0.35	0.0	0.08	0.0	0.0	0.0	0.0
19	0.0	0.08	0.26	0.0	0.08	0.29	0.0	0.48	0.0	0.0	0.0	0.0
20	0.0	0.05	0.02	0.0	0.04	0.14	0.30	0.01	0.0	0.0	0.10	0.0
21	0.0	0.0	0.13	0.02	0.0	0.0	0.08	0.04	0.0	0.44	0.01	0.0
22	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.01	0.0
23	0.02	0.0	0.0	0.06	0.03	0.0	0.0	0.20	0.0	0.0	0.0	0.0
24	0.06	0.0	0.12	0.24	0.0	0.20	0.0	0.0	0.0	0.0	0.04	0.0
25	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.0	0.0
26	0.01	0.01	0.0	0.41	0.0	0.0	0.0	0.0	0.0	0.55	0.07	0.14
27	0.0	0.03	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0
28	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0
29	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.03
31	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.40	1.18	1.78	1.74	0.55	1.58	0.59	0.87	0.32	2.81	0.64	0.71
STA AV												

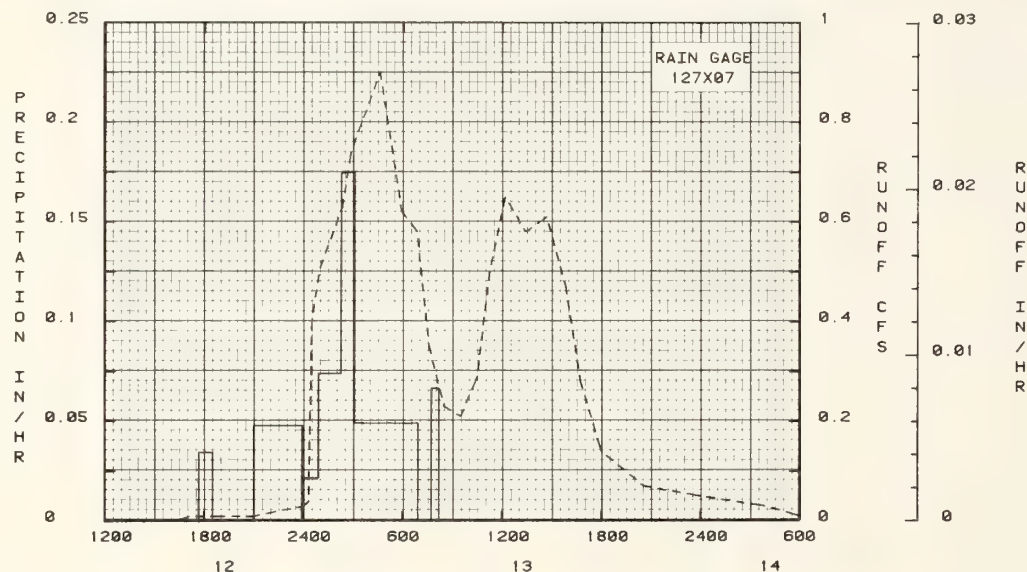
NOTES: Values are amounts from shielded recording gage 127507. STA AV do not apply to shielded rain gage records.

1975 MEAN DAILY DISCHARGE (cfs) REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0 T	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0 T	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.002	0.004	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.006	0.003	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.001	0.002	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.004	0.001	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.006	0.0 T	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.013	0.001	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0 T	0.002	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0 T	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.005	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.060	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.036	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.006	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.002	0.133	0.0 T	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.001	0.208	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0 T	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0034	0.0273	0.0036	0.0010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.076	0.551	0.080	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.136	0.093	0.112	0.018	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.001

NOTES: To convert CFS to IN/DAI, multiply by 0.721262. STA AV based on 9 yr (1967-75) record period.

1975	SELECTED RUNOFF EVENT			REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 12 - 14, 1975										
2-12	RG 127X07 0.04	0.0	2-12	RG 127X07			2-12	1235	0.0	0.0
				1307	0.0	0.0		1615	0.001	0.0001
				1740	0.0	0.0		1705	0.006	0.0002
				1832	0.0346	0.03		1850	0.010	0.0006
				2101	0.0	0.03		2055	0.012	0.0013
WATERSHED CONDITIONS: The event is combined rain and snowmelt.			2-13	2356	0.0480	0.17	2-13	2220	0.017	0.0019
				2400	0.0	0.17		2400	0.032	0.0031
				55	0.0218	0.15		20	0.038	0.0035
				216	0.0741	0.29		30	0.369	0.0045
				304	0.1750	0.43		35	0.417	0.0055
				656	0.0491	0.62		100	0.512	0.0114
				744	0.0	0.62		220	0.625	0.0341
				811	0.0667	0.65		250	0.743	0.0444
								435	0.899	0.0876
								555	0.620	0.1180
								650	0.578	0.1345
								735	0.345	0.1449
								830	0.231	0.1529
								930	0.209	0.1555
								1030	0.290	0.1670
2-14							2-14	1115	0.500	0.1759
								1210	0.650	0.1917
								1325	0.583	0.2149
								1440	0.606	0.2372
								1550	0.471	0.2561
								1645	0.284	0.2665
								1800	0.143	0.2745
								2035	0.068	0.2827
								2400	0.045	0.2865
								355	0.028	0.2928
								750	0.012	0.2951
								1240	0.006	0.2964
								1905	0.003	0.2973
								2400	0.001	0.2976

NOTES: To convert CFS to IN/DAY, multiply by 0.030053.



EVENT OF FEBRUARY 12 - 14, 1975  
REYNOLDS, IDAHO LOWER SHEEP CREEK WATERSHED (117066)



## CHICKASHA, OKLAHOMA WATERSHED 100 AT ANADARKO

LOCATION: Washita River above Anadarko, Okla.; Southwest Central Oklahoma and Texas Panhandle; in Caddo, Kiowa, Washita, Custer, Beckham, and Roger Mills Counties, Okla.; and Beaufort, Wheeler, and Gray Counties, Tex.; Washita River, Red River Basin. GAGING STATION--NW 1/4 sec. 15, T. 7 N., R. 10 W., lat. 35 deg. 05 min. N., long. 98 deg. 10 min. W.; North edge of Anadarko, Okla., 35 feet upstream from U.S. Highway 281 bridge over Washita River; at river mile 305.2, approximately 6.1 miles upstream from confluence of Sugar Creek.

AREA: 2339800.00 acres 3656.00 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED 100 AT ANADARKO															
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual															
1975	Q	0.072	0.145	0.137	0.136	0.261	0.407	0.366	0.303	0.065	0.065	0.076	0.062	2.055															
STA AV	Q	0.047	0.045	0.064	0.086	0.139	0.143	0.071	0.063	0.106	0.080	0.092	0.049	0.984															
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																													
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days											
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.										
1975		7-30	0.002	7-29	0.002	7-29	0.004	7-29	0.011	7-25	0.023	7-29	0.045	7-28	0.090	7-25	0.258												
MAXIMUMS FOR PERIOD OF RECORD																													
		9-23	0.004	9-23	0.004	9-23	0.009	9-23	0.026	9-23	0.052	9-23	0.100	9-23	0.188	9-23	0.384												
		1965		1965		1965		1965		1965		1965		1965		1965													

NOTES: Watershed conditions not applicable. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.7-21. Since this is the inflow station to a study reach, precipitation data are not applicable. Runoff records began Oct. 1961. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 MEAN DAILY DISCHARGE (cfs)														CHICKASHA, OKLAHOMA WATERSHED 100 AT ANADARKO													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	202.7	671.0	584.4	543.5	310.4	2211.8	946.5	2900.5	268.0	185.2	165.1	192.1															
2	224.8	886.3	520.8	515.2	305.9	1428.6	894.9	1911.4	255.9	175.0	165.1	192.1															
3	255.9	735.1	482.2	493.1	555.1	1117.6	837.6	2205.1	240.1	171.7	202.7	192.1															
4	280.4	782.1	444.5	476.8	728.5	1101.5	809.6	2242.8	228.5	166.4	495.7	206.3															
5	323.7	1010.1	414.2	460.7	676.6	1061.7	506.4	2036.4	217.3	165.1	631.0	202.7															
6	284.6	991.5	399.2	450.2	596.3	1014.9	355.8	1860.3	209.9	165.1	434.6	199.1															
7	263.9	716.9	384.5	450.2	476.8	961.5	384.5	1860.3	202.7	165.1	310.4	195.6															
8	247.9	480.1	374.8	487.6	389.4	902.2	365.3	1832.3	202.7	161.9	268.0	192.1															
9	244.0	374.8	355.8	520.8	341.9	887.6	328.2	1551.0	199.1	156.7	276.2	188.6															
10	232.4	341.9	346.5	931.9	301.7	1071.2	337.3	1288.9	199.1	156.7	263.9	188.6															
11	221.0	314.9	332.8	950.2	280.4	1558.6	337.3	1107.9	195.6	158.7	240.1	188.6															
12	209.9	310.4	346.5	795.8	263.9	2612.5	332.8	898.0	202.7	152.4	221.0	188.6															
13	202.7	310.4	360.5	721.9	303.3	2435.5	323.7	609.0	202.7	149.2	206.3	188.6															
14	195.6	301.7	355.8	683.0	1115.9	1848.5	288.9	498.6	213.6	146.1	199.1	192.1															
15	185.2	284.6	346.5	494.6	1556.7	1233.6	263.9	520.8	232.4	156.7	195.6	188.6															
16	185.2	280.4	341.9	394.3	1391.0	920.7	301.7	587.0	255.9	204.5	192.1	188.6															
17	192.1	280.4	341.9	379.6	1139.5	933.4	319.3	775.6	244.0	756.6	192.1	188.6															
18	192.1	284.6	444.9	355.8	658.9	1030.4	255.5	633.9	232.4	478.9	195.6	185.2															
19	188.6	293.1	439.8	341.9	515.2	1007.2	232.4	482.2	224.6	310.0	202.7	185.2															
20	181.7	323.7	424.3	319.3	444.9	954.0	224.8	434.6	217.3	244.0	213.6	185.2															
21	181.7	332.8	409.2	297.4	404.2	902.2	240.1	404.2	209.9	217.3	206.3	181.7															
22	181.7	415.0	384.5	272.1	455.4	802.7	228.5	365.3	206.3	159.1	272.1	181.7															
23	181.7	537.8	365.3	263.9	2481.3	1310.7	209.9	346.5	199.1	185.2	268.0	181.7															
24	185.2	549.3	355.8	259.9	2236.2	1595.0	328.8	332.8	195.6	176.4	255.9	192.1															
25	192.1	584.4	387.7	255.9	1175.0	923.0	1658.2	314.9	195.6	171.7	224.8	206.3															
26	188.6	614.4	466.0	251.9	915.6	2182.5	3487.6	314.9	192.1	168.4	209.9	213.6															
27	192.1	620.5	466.0	255.9	741.7	2334.4	3976.5	332.8	188.6	168.4	202.7	217.3															
28	195.6	620.5	466.0	255.9	620.5	1368.1	4212.1	293.1	188.6	165.1	199.1	217.3															
29	195.6	708.0	255.9	620.5	1244.1	4453.5	288.9	188.6	165.1	202.7	217.3																
30	302.0	821.3	268.0	1242.1	1046.0	4465.5	284.6	188.6	165.1	195.6	213.6																
31	572.5		614.4		2365.1		4050.8	276.2		165.1		209.9															
MEAN	228.5	508.9	435.1	446.8	827.4	1335.5	1160.0	961.0	213.3	206.0	250.3	195.5															
INCHES	0.072	0.145	0.137	0.136	0.261	0.407	0.366	0.303	0.065	0.065	0.076	0.062															
STA AV	0.047	0.045	0.064	0.086	0.139	0.143	0.071	0.063	0.106	0.080	0.092	0.049															

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. To convert discharge in CFS to IN/DAY, multiply by 0.00001017. To convert discharge in inches to AC-FT, multiply by 194,983. STA AV based on 15 yr (1961-75) record period.

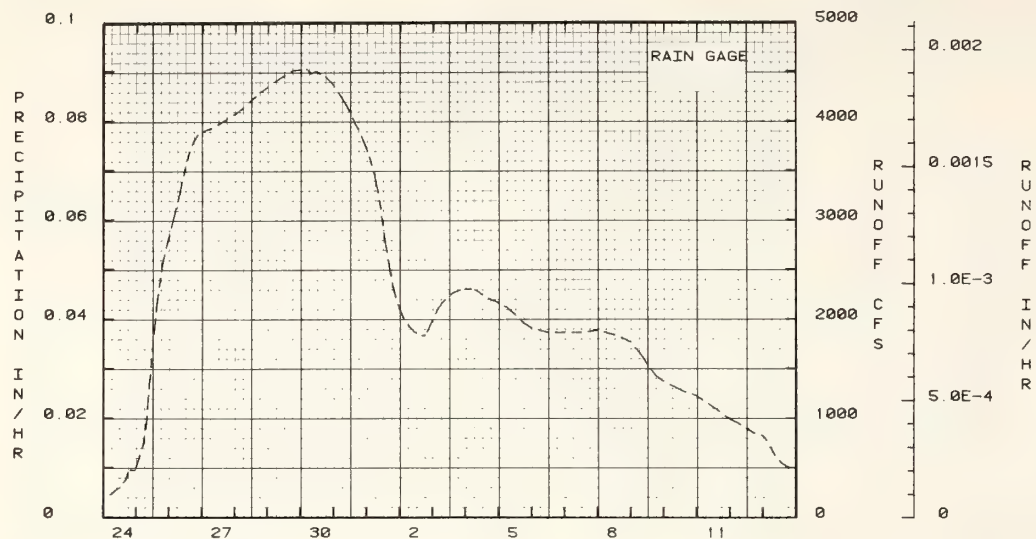


1975 SELECTED RUNOFF EVENT			CHICKASAW, OKLAHOMA WATERSHED 100 AT ARADARK								
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 24 - AUGUST 24, 1975											
7-24		0.001					7-24	530	229.160	0.0	
								1130	258.540	0.0007	
								1630	376.956	0.0014	
								1830	453.388	0.0017	
								2000	477.360	0.0020	
WATERSHED CONDITIONS: Not applicable.								2330	477.208	0.0027	
								2400	497.438	0.0028	
							7-25	300	626.108	0.0036	
								530	744.028	0.0043	
								741	950.358	0.0051	
								900	1234.188	0.0057	
								1000	1366.668	0.0062	
								1100	1527.959	0.0068	
								1200	1705.418	0.0075	
								1300	1860.908	0.0083	
								1400	2007.229	0.0091	
								1500	2141.259	0.0100	
								1600	2255.398	0.0109	
								1730	2413.668	0.0124	
								1900	2546.849	0.0140	
								2030	2649.749	0.0156	
								2230	2770.138	0.0179	
								2400	2853.848	0.0197	
							7-26	230	2989.610	0.0228	
								500	3125.969	0.0261	
								730	3268.060	0.0294	
								900	3380.628	0.0316	
								1130	3534.868	0.0352	
								1430	3689.618	0.0398	
								1730	3755.030	0.0446	
								2030	3862.428	0.0494	
								2400	3857.265	0.0552	
							7-27	630	3526.870	0.0660	
								1130	3566.208	0.0743	
								1800	4025.039	0.0853	
								2400	4076.348	0.0956	
								600	4137.594	0.1061	
								1500	4250.594	0.1221	
								2400	4349.855	0.1385	
							7-29	600	4406.113	0.1496	
								1200	4463.234	0.1609	
								1800	4511.535	0.1723	
								2400	4519.785	0.1838	
							7-30	400	4520.535	0.1914	
								611	4459.984	0.1956	
								700	4476.484	0.1972	
								1000	4456.312	0.2029	
								1030	4502.996	0.2038	
								1330	4471.426	0.2095	
								1800	4443.156	0.2180	
								2400	4343.473	0.2292	
							7-31	600	4219.285	0.2401	
								1100	4054.848	0.2489	
								1500	3976.829	0.2557	
								2000	3835.178	0.2640	
								2400	3701.360	0.2704	
							8- 1	330	3549.468	0.2758	
								600	3408.979	0.2795	
								800	3269.148	0.2823	
								1000	3105.770	0.2850	
								1130	2939.300	0.2869	
								1300	2800.448	0.2887	
								1430	2669.998	0.2905	
								1600	2551.658	0.2921	
								1730	2433.718	0.2937	
								1900	2327.668	0.2952	
								2100	2214.739	0.2972	
								2400	2092.578	0.2999	
							8- 2	300	2001.678	0.3025	
								700	1919.320	0.3058	
								1200	1854.208	0.3098	
								1630	1830.579	0.3133	
								1830	1836.975	0.3149	
								2000	1871.148	0.3161	
								2400	1987.759	0.3193	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000004239. No precipitation record is shown because all of the watershed lies outside of the area in which precipitation is measured.

1975 SELECTED FLOWOFF EVENT			CHICKASAW, OKLAHOMA			WATERSHED 100 AT ANALEK			
ANTECEDENT CONDITIONS			RAINFALL			FLOWOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)	
			Acc.			Acc.			
			(inches)			(inches)			
EVENT OF JULY 24 - AUGUST 24, 1975 (CONTINUED)									
						8- 3	400	2108.958	0.3228
							900	2155.658	0.3274
							1500	2264.658	0.3330
							2000	2292.168	0.3375
							2400	2305.069	0.3418
						8- 4	400	2302.479	0.3457
							730	2287.158	0.3491
							1200	2243.668	0.3534
							1800	2195.258	0.3590
							2400	2161.070	0.3646
						8- 5	600	2113.059	0.3700
							1200	2041.768	0.3753
							1800	1957.658	0.3804
							2400	1904.958	0.3853
						8- 6	1200	1860.339	0.3949
							2400	1860.339	0.4043
						8- 7	1200	1860.339	0.4138
							2400	1867.568	0.4233
						8- 8	700	1857.758	0.4289
							1800	1806.565	0.4374
							2400	1764.249	0.4420
						8- 9	600	1666.715	0.4463
							1200	1544.035	0.4504
							1800	1427.718	0.4542
							2400	1366.858	0.4577
						8-10	800	1311.540	0.4623
							1600	1255.658	0.4666
							2400	1223.750	0.4708
						8-11	1200	1107.948	0.4768
							2400	950.408	0.4821
						8-12	800	930.329	0.4854
							1800	843.668	0.4891
							2400	822.438	0.4912
						8-13	300	772.058	0.4923
							900	623.928	0.4940
							1330	547.729	0.4952
							1800	509.070	0.4962
							2400	458.510	0.4974
						8-14	1200	458.550	0.5000
							2400	509.675	0.5025
						8-15	1200	520.800	0.5052
							2400	487.600	0.5077
						8-16	300	488.000	0.5083
							900	522.000	0.5096
							1700	641.078	0.5116
							2400	771.049	0.5137
						8-17	300	811.270	0.5147
							500	824.100	0.5154
							700	822.548	0.5161
							1700	740.958	0.5194
							2400	728.158	0.5216
						8-18	600	714.299	0.5234
							1200	637.289	0.5251
							1800	559.668	0.5266
							2400	520.500	0.5280
						8-19	1200	482.158	0.5306
							2400	458.375	0.5330
						8-20	1200	434.590	0.5352
							2400	419.385	0.5374
						8-21	1200	404.178	0.5395
							2400	384.725	0.5415
						8-22	1200	365.270	0.5434
							2400	355.855	0.5452
						8-23	1200	346.520	0.5470
							2400	339.645	0.5488
						8-24	1200	332.770	0.5505
							2400	323.810	0.5521

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.0000004239. No precipitation record is shown because all of the watershed lies outside of the area in which precipitation is measured.



EVENT OF JULY 24 - AUGUST 24, 1975  
CHICKASHA, OKLAHOMA WATERSHED 100 AT ANADARKO

## CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA

LOCATION: Washita River Watershed above Chickasha, Okla.; Southwest Central Oklahoma and Texas Panhandle; in Grady, Caddo, Canadian, Kiowa, Washita, Custer, Beckham, and Roger Mills Counties, Okla.; and Hemphill, Wheeler, and Gray Counties, Tex.; Washita River, Red River Basin. GAGING STATION--SE1/4 sec. 23, T. 7 N., R. 7 W., lat. 35 deg. 05 min. N.; long. 97 deg. 54 min. W.; 1 mile Northeast of Chickasha, Okla., at E. E. Bailey Turnpike bridge over Washita River at river mile 256.5, approximately 1.3 miles downstream from confluence of Line Creek.

AREA: 2768000.00 acres 4325.00 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	2.16	2.00	2.14	1.42	8.08	3.57	7.45	2.21	2.19	1.06	1.50	1.05	34.85			
	Q	0.077	0.152	0.149	0.142	0.268	0.370	0.358	0.346	0.072	0.065	0.078	0.064	2.160			
STA AV	P	0.89	1.14	1.81	2.76	4.10	3.12	2.24	2.77	3.74	2.32	1.89	0.96	27.73			
	Q	0.043	0.043	0.066	0.093	0.149	0.122	0.066	0.065	0.088	0.072	0.081	0.047	0.934			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-29	0.002	8- 1	0.003	8- 1	0.006	8- 1	0.019	8- 1	0.038	8- 1	0.057	7-31	0.094	7-26	0.303
MAXIMUMS FOR PERIOD OF RECORD																	
		4-12	0.003	8- 1	0.003	8- 1	0.006	8- 1	0.019	8- 1	0.038	8- 1	0.057	5- 6	0.102	5- 5	0.329
		1967		1975		1975		1975		1975		1975		1969		1969	

NOTES: Watershed conditions: For area not included above subwatersheds as determined from a revised 1974 survey; sowed crop - 35%; row crop - 4%; alfalfa - 5%; pasture and range - 47%; and miscellaneous - 9%. For map of watershed see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.7-21, (Composite). Watershed 200 was discontinued in Dec. 31, 1974. Prior to this time precipitation data obtained from a Thiessen weighted average of 40 gages for the reach between Verden (200) and Chickasha (500). Precipitation data after Dec. 31, 1974 obtained from an arithmetic average of 96 gages for the reach between Anadarko (100) and Chickasha (500). Precipitation records began Oct. 1961; runoff records began Jan. 1964. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975		DAILY PRECIPITATION (inches)					CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.10	0.17	0.0	0.0	0.0	0.0	0.0	0.14	0.0	0.06	0.03	0.0	
2	0.91	0.30	0.0	0.0	1.07	0.0 T	0.0	0.93	0.0	0.0	0.39	0.0	
3	0.0	0.31	0.0	0.0	0.0 T	0.0	0.23	0.0	0.0	0.0	0.01	0.0	
4	0.0	0.06	0.0	0.0	0.04	0.0	0.05	0.0	0.01	0.0	0.0 T	0.0	
5	0.0	0.05	0.0	0.0	0.0	0.0 T	0.0	0.0	0.10	0.0	0.10	0.0 T	
6	0.0	0.0	0.0	0.01	0.0	0.59	0.0	0.0	0.0	0.0	0.06	0.0	
7	0.0	0.0	0.0	0.73	0.0	0.0 T	0.49	0.0	0.0	0.0	0.0	0.0	
8	0.02	0.0	0.0 T	0.0	0.0	0.02	0.0	0.0	0.3	0.0	0.0	0.0	
9	0.0	0.0	0.48	0.0	0.0	0.12	0.22	0.0	0.0 T	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.01	0.10	0.47	0.32	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.19	0.0 T	0.37	0.0	0.01	0.0	0.91	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.27	0.0	0.0	0.0	
13	0.0	0.0	0.0 T	0.35	1.25	0.0 T	0.0 T	0.12	0.52	0.0	0.0	0.01	
14	0.0	0.0	0.0	0.0	0.86	0.0 T	0.0	0.60	0.21	0.61	0.0	0.03	
15	0.0	0.06	0.24	0.0	0.0	0.0	0.0	0.19	0.02	0.39	0.0	0.0 T	
16	0.0	0.48	0.01	0.0	0.0	0.19	0.0	0.0 T	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.24	0.14	0.0	0.12	0.0	0.07	0.02	0.0	0.0	0.0	
18	0.0	0.0	0.22	0.01	0.13	0.0	0.07	0.0	0.0 T	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.15	0.0	0.18	0.0	0.0	0.0	0.79	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.21	0.0	0.0	0.13	0.0	0.0	0.0	
22	0.0	0.57	0.0	0.01	2.20	0.83	0.0	0.0	0.0	0.0	0.0	0.07	
23	0.0	0.0	0.0	0.0	0.08	0.38	0.01	0.0	0.0	0.0	0.0	0.15	
24	0.01	0.0	0.0	0.0	0.0	0.63	3.51	0.0	0.0	0.0	0.0	0.55	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.38	0.0 T	0.0	0.0	0.0 T	0.07	
26	0.0	0.0	0.07	0.0	0.0	0.0	0.73	0.13	0.0	0.0	0.0 T	0.0	
27	0.0	0.0	0.52	0.15	0.04	0.0	0.0 T	0.03	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.17	0.0	0.69	0.0	0.61	0.0	0.0	0.0	0.0	0.09	
29	0.0 T	0.0	0.0 T	0.01	1.09	0.0	0.64	0.0	0.0	0.0	0.12	0.08	
30	1.06	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	2.18	2.00	2.14	1.42	8.08	3.57	7.45	2.21	2.19	1.06	1.50	1.05	
STA AV	0.89	1.14	1.81	2.76	4.10	3.12	2.24	2.77	3.74	2.32	1.89	0.96	

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Daily precipitation values arithmetic average of 96 rain gages on the watershed. STA AV based on 15 yr (1961-75) record period.



1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED 500 NEAR CHICKASAW												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	244.9	727.3	669.0	686.4	302.6	2327.1	1122.7	4415.1	346.8	210.2	192.7	244.9
2	393.4	797.8	648.3	627.8	352.3	2037.5	1023.1	4263.0	320.8	205.3	195.0	239.8
3	604.0	963.1	614.2	598.6	592.9	1371.9	957.9	3445.7	304.4	202.1	215.0	239.8
4	404.5	1017.7	578.6	585.2	672.3	1142.3	906.7	2758.9	288.2	200.6	248.2	238.1
5	375.4	998.1	556.6	572.0	740.9	1143.7	861.5	2557.7	296.7	199.0	439.4	236.4
6	402.8	1019.5	532.8	556.6	653.1	1061.1	608.1	2171.3	279.4	195.8	647.3	234.8
7	362.0	985.8	511.4	616.6	598.8	1075.0	841.8	1950.7	268.9	155.8	521.3	233.1
8	331.9	790.1	492.4	911.8	501.9	1004.2	1124.5	1959.1	263.7	194.2	403.3	231.4
9	309.8	609.9	486.1	681.1	428.2	931.2	557.0	1844.1	253.4	194.2	343.1	229.8
10	297.2	524.2	502.9	637.6	383.2	953.2	508.0	1544.1	249.5	192.7	333.7	228.1
11	282.9	498.7	524.1	924.7	373.5	1119.4	513.3	1345.5	268.1	191.1	337.5	226.5
12	263.7	461.2	602.8	893.8	439.3	1736.0	448.9	1215.2	304.0	185.5	295.4	229.8
13	251.6	444.9	524.2	801.6	447.1	2570.3	420.6	978.7	317.1	188.0	274.1	234.8
14	246.5	438.8	505.1	770.1	1120.0	2424.6	406.7	780.4	300.6	184.9	263.7	236.4
15	243.2	426.7	496.6	733.4	1723.1	1703.1	377.4	697.0	308.0	205.0	258.5	233.1
16	233.1	418.6	488.2	602.2	1667.6	1189.8	343.1	665.5	317.1	236.3	256.8	231.4
17	228.1	412.7	492.4	517.5	1522.1	961.8	345.6	703.0	335.6	251.4	255.1	228.1
18	229.8	420.6	539.2	488.2	1148.4	1065.5	395.2	868.2	335.6	655.7	251.6	226.5
19	231.4	426.7	663.2	461.2	822.7	1036.3	328.6	747.1	308.0	537.0	260.2	221.5
20	229.8	422.6	589.6	432.7	677.2	989.0	282.5	610.2	290.0	404.7	274.1	221.5
21	226.5	440.8	541.4	402.8	575.4	960.5	267.1	547.9	275.9	325.6	295.4	224.8
22	224.8	551.6	515.7	375.4	607.7	937.3	267.1	502.9	265.4	277.6	281.1	223.2
23	221.5	674.3	488.2	360.1	2831.1	907.6	268.5	461.2	258.5	251.6	310.7	223.2
24	219.9	639.1	457.1	346.8	3091.6	1596.4	1933.2	442.8	249.9	236.4	320.8	234.8
25	219.9	636.9	446.9	333.7	2375.8	2211.1	2341.4	420.6	238.1	219.5	305.8	249.9
26	221.5	652.8	457.7	324.5	1403.2	1367.6	2988.6	402.8	233.1	206.9	277.6	267.1
27	223.2	664.3	609.9	322.6	1091.0	2344.5	3704.5	400.8	228.1	203.7	258.5	272.4
28	221.5	664.3	669.1	324.5	1198.3	2169.9	4227.6	412.7	221.5	199.0	255.1	272.4
29	223.2	558.6	317.1	1357.7	1476.7	4580.1	379.3	215.0	199.0	253.4	277.6	272.4
30	230.0	758.3	302.6	2020.8	1270.2	4322.4	367.7	216.6	194.2	249.9	272.4	272.4
31	524.7	813.3		1809.7		4326.2	352.5		192.7			
MEAN	287.8	633.2	560.4	550.3	1081.6	1436.3	1342.1	1257.9	278.6	243.4	302.7	239.9
INCHES	0.077	0.152	0.149	0.142	0.288	0.370	0.358	0.346	0.072	0.065	0.078	0.064
STA AV	0.043	0.043	0.066	0.093	0.149	0.122	0.066	0.065	0.088	0.072	0.081	0.047

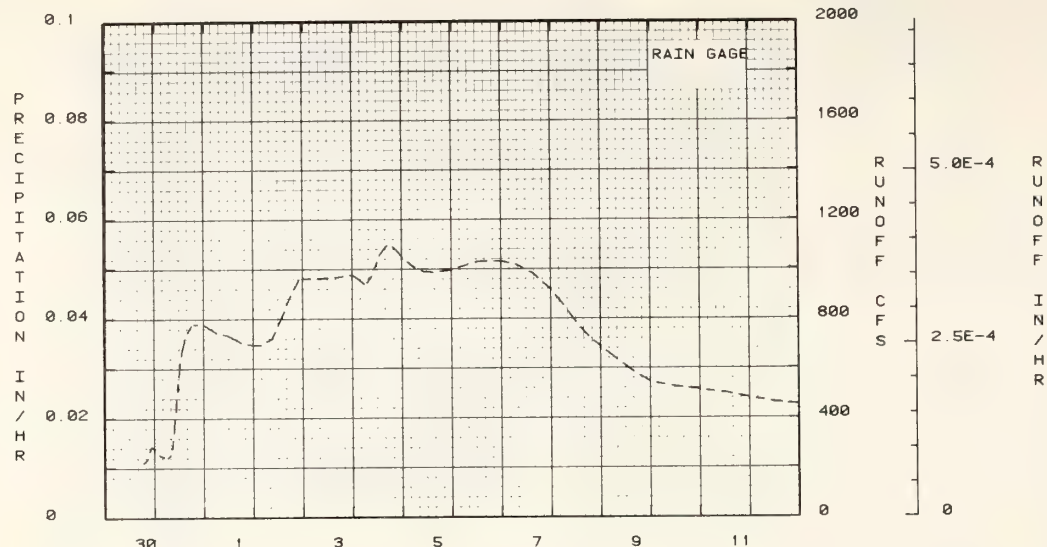
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.000008599. To convert discharge in inches to AC-FT, multiply by 230,667. STA AV based on 12 yr (1964-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED 500 NEAR CHICKASAW												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF JANUARY 29 - FEBRUARY 15, 1975												
1-30		0.029					1-30	1841	221.650	0.0		
								2041	239.130	0.0002		
								2211	280.648	0.0003		
								2241	286.158	0.0003		
								2323	283.560	0.0004		
								2400	275.550	0.0005		
							1-31	300	246.930	0.0008		
								430	244.650	0.0009		
								641	245.140	0.0011		
								741	252.560	0.0012		
								841	283.540	0.0013		
								941	370.638	0.0014		
								1041	476.638	0.0015		
								1200	593.448	0.0018		
								1330	678.110	0.0021		
								1441	720.519	0.0024		
								1600	746.959	0.0028		
								1741	772.878	0.0032		
								1911	779.058	0.0037		
								2041	777.558	0.0041		
							2- 1	2400	773.878	0.0050		
								600	742.708	0.0066		
								1200	730.908	0.0082		
								1600	702.628	0.0097		
								2400	691.718	0.0112		
							2- 2	330	653.128	0.0121		
								900	719.378	0.0135		
								1330	759.878	0.0147		
								1800	852.099	0.0161		
								2200	956.060	0.0174		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00000038583. No precipitation record is shown because most of the watershed lies outside of the area in which precipitation is measured.

1975	SELECTED RUNOFF EVENT						CHICKASAW, OKLAHOMA WATERSHED 500 NEAR CHICKASAW				
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)	
EVENT OF JANUARY 29 - FEBRUARY 15, 1975 (CONTINUED)											
							2- 2	2400	560.708	0.0161	
							2- 3	1200	563.068	0.0222	
								2400	573.428	0.0264	
							2- 4	530	537.728	0.0283	
								706	542.450	0.0288	
								906	568.520	0.0295	
								1330	1060.775	0.0311	
								1636	1052.808	0.0323	
								1950	1066.688	0.0334	
								2400	1042.918	0.0351	
							2- 5	600	1002.080	0.0373	
								1030	567.938	0.0389	
								1500	564.065	0.0405	
								2400	555.128	0.0437	
							2- 6	800	1016.438	0.0466	
								1330	1028.788	0.0486	
								2400	1028.028	0.0525	
							2- 7	730	1013.780	0.0552	
								1500	560.968	0.0575	
								2400	913.040	0.0609	
							2- 8	600	851.729	0.0628	
								1200	783.178	0.0646	
								1800	726.628	0.0662	
								2400	664.968	0.0677	
							2- 9	800	632.360	0.0696	
								1600	583.350	0.0714	
								2400	543.030	0.0730	
							2-10	1200	524.219	0.0753	
								2400	511.475	0.0775	
							2-11	1200	458.729	0.0797	
								2400	479.979	0.0818	
							2-12	1200	461.229	0.0838	
								2400	453.043	0.0857	
							2-13	1200	444.860	0.0877	
								2400	441.813	0.0896	
							2-14	1200	438.770	0.0915	
								2400	432.715	0.0933	
							2-15	1200	426.658	0.0952	
								2400	422.655	0.0970	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000038583. No precipitation record is shown because most of the watershed lies outside of the area in which precipitation is measured.



EVENT OF JANUARY 29 - FEBRUARY 15, 1975  
CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA

1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs) (inches)
EVENT OF JULY 24 - AUGUST 24, 1975									
7-24		0.000					7-24	348	246.750 0.0
								430	320.678 0.0001
								541	618.850 0.0001
								611	737.540 0.0003
								718	946.228 0.0005
WATERSHED CONDITIONS: For area not included above subwatersheds as determined from a 1974 survey: sowed crop - 35%; row crop - 4%; alfalfa - 5%; pasture and range - 47%; and miscellaneous - 9%.								753	1081.569 0.0007
								841	1372.468 0.0009
								923	1638.479 0.0011
								941	1793.126 0.0013
								1000	1859.858 0.0015
								1036	2153.848 0.0017
								1123	2424.559 0.0020
								1148	2584.309 0.0024
								1211	2680.468 0.0027
								1330	2820.759 0.0034
								1430	2857.928 0.0045
								1530	2811.166 0.0055
								1611	2833.589 0.0062
								1630	2912.009 0.0065
								1930	3007.550 0.0081
								2200	3035.128 0.0108
								2400	3022.448 0.0119
							7-25	130	2996.128 0.0135
								300	2930.728 0.0151
								430	2806.739 0.0166
								600	2675.148 0.0181
								730	2514.750 0.0195
								1030	2234.245 0.0207
								1130	2131.508 0.0215
								1400	1917.808 0.0226

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00000038583. No precipitation record is shown because most of the watershed lies outside of the area in which precipitation is measured.

1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED 500 NEAR CHICKASAW											
ANTECEDENT CONDITIONS			FAINFALL			RUNOFF					
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 24 - AUGUST 24, 1975 (CONTINUED)											
							7-25	1530	1807.068	0.0236	
								1541	1858.969	0.0237	
								1630	1912.728	0.0242	
								1800	1988.938	0.0253	
								2000	2050.838	0.0267	
								2100	2138.208	0.0275	
								2230	2281.240	0.0287	
								2400	2408.208	0.0299	
							7-26	130	2542.658	0.0313	
								300	2658.578	0.0327	
								430	2710.188	0.0341	
								600	2730.030	0.0356	
								1000	2788.549	0.0395	
								1230	2837.749	0.0420	
								1400	2927.658	0.0436	
								1600	3073.719	0.0457	
								1730	3218.019	0.0474	
								1830	3364.329	0.0486	
								1930	3474.829	0.0498	
								2100	3578.708	0.0517	
								2230	3635.158	0.0536	
								2400	3665.570	0.0556	
							7-27	300	3735.490	0.0596	
								600	3776.628	0.0636	
								730	3762.839	0.0656	
								900	3742.368	0.0677	
								1530	3679.009	0.0763	
								1830	3680.208	0.0802	
								2400	3628.969	0.0874	
							7-28	230	3661.548	0.0907	
								430	3756.559	0.0934	
								600	3912.658	0.0954	
								730	4076.428	0.0976	
								830	4132.184	0.0991	
								930	4159.074	0.1005	
								1100	4056.230	0.1020	
								1330	4036.178	0.1057	
								1500	4154.765	0.1071	
								1630	4307.836	0.1094	
								1800	4502.605	0.1118	
								1918	4710.344	0.1139	
								2000	4838.753	0.1151	
								2100	4957.496	0.1169	
								2230	5081.266	0.1196	
								2400	5120.684	0.1223	
							7-29	30	5163.355	0.1232	
								100	5100.754	0.1241	
								211	5032.855	0.1263	
								400	4910.543	0.1295	
								600	4732.855	0.1330	
								800	4558.246	0.1363	
								1030	4459.793	0.1404	
								1330	4335.363	0.1451	
								1500	4300.125	0.1474	
								1600	4305.223	0.1489	
								1700	4351.016	0.1505	
								1800	4431.516	0.1521	
								2000	4519.133	0.1553	
								2030	4479.453	0.1561	
								2130	4466.414	0.1577	
								2400	4410.324	0.1600	
							7-30	400	4347.414	0.1663	
								830	4320.586	0.1733	
								1500	4307.375	0.1833	
								2400	4287.695	0.1972	
							7-31	300	4293.062	0.2018	
								1200	4323.625	0.2157	
								2400	4373.504	0.2344	
							8- 1	1200	4419.105	0.2532	
								2400	4471.113	0.2723	
							8- 2	430	4514.746	0.2796	
								600	4497.309	0.2820	
								800	4460.906	0.2852	
								1100	4378.344	0.2900	
								1500	4218.793	0.2961	

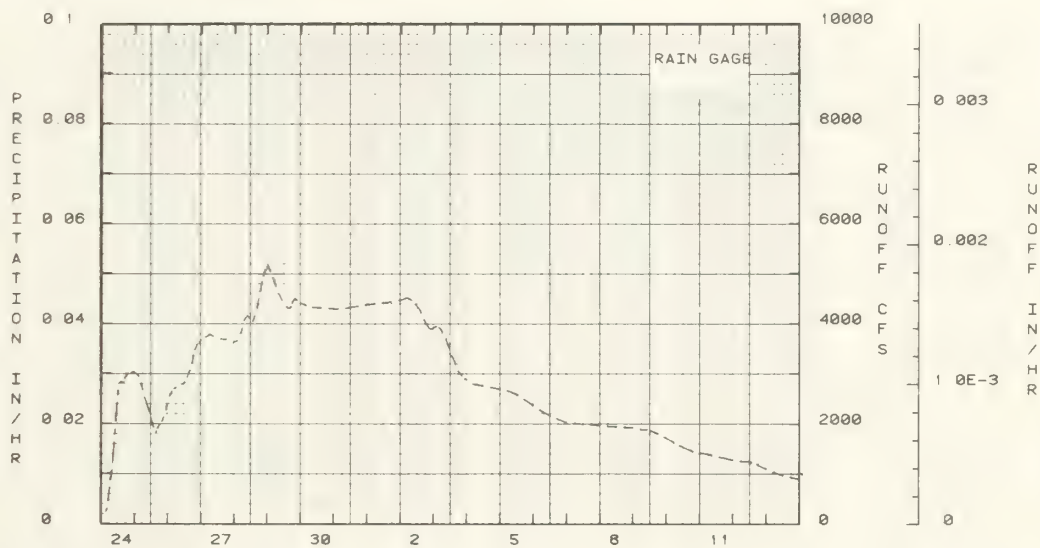
NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00000038583. No precipitation record is shown because most of the watershed lies outside of the area in which precipitation is measured.



1975		SELECTED RUNCFF EVENT				CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA				
ANTECEDENT CONDITIONS			RAINFALL			RUNCFF				
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JULY 24 - AUGUST 24, 1975 (CONTINUED)										
							8- 2	1730	4052.668	0.2998
								2030	3903.349	0.3041
								2200	3889.428	0.3062
								2300	3900.069	0.3076
								2400	3921.958	0.3090
							8- 3	200	3954.619	0.3118
								400	3915.968	0.3139
								630	3833.168	0.3174
								900	3685.550	0.3207
								1130	3451.428	0.3240
								1330	3340.769	0.3264
								1600	3174.698	0.3253
								1800	3058.018	0.3316
								2030	2951.770	0.3342
								2230	2895.269	0.3363
								2400	2871.418	0.3379
							8- 4	600	2780.839	0.3440
								1200	2750.829	0.3499
								1800	2725.539	0.3558
								2400	2685.668	0.3616
							8- 5	800	2637.168	0.3692
								1300	2564.138	0.3739
								1800	2474.259	0.3784
								2400	2357.218	0.3836
							8- 6	600	2247.595	0.3885
								1200	2160.229	0.3932
								1800	2088.648	0.3978
								2400	2020.499	0.4022
							8- 7	1200	1950.708	0.4108
								2400	1964.858	0.4193
							8- 8	1200	1939.089	0.4277
								2400	1916.636	0.4360
							8- 9	600	1882.458	0.4401
								1030	1863.018	0.4431
								1300	1861.620	0.4448
								1800	1802.388	0.4481
								2400	1713.648	0.4519
							8-10	500	1631.138	0.4548
								1200	1533.168	0.4588
								1930	1444.058	0.4628
								2400	1425.458	0.4651
							8-11	900	1361.549	0.4696
								2400	1271.988	0.4724
							8-12	1330	1232.418	0.4784
								1730	1188.978	0.4802
								2400	1093.558	0.4828
							8-13	600	1023.358	0.4851
								1200	972.148	0.4872
								1800	926.528	0.4893
								2400	891.928	0.4912
							8-14	300	882.768	0.4922
								1030	767.468	0.4935
								1400	731.359	0.4944
								1630	721.858	0.4951
								1930	723.078	0.4958
								2400	730.079	0.4970
							8-15	630	728.458	0.4987
								1200	684.878	0.5001
								1500	668.060	0.5008
								1930	669.790	0.5019
								2400	651.218	0.5030
							8-16	300	656.658	0.5038
								1200	663.060	0.5052
								1900	640.750	0.5068
								2400	641.418	0.5080
							8-17	600	642.418	0.5094
								1200	679.060	0.5108
								1800	751.538	0.5123
								2400	836.848	0.5140
							8-18	400	874.800	0.5153
								700	888.018	0.5162
								900	888.989	0.5169
								1200	885.238	0.5178
								1800	862.068	0.5197
								2400	834.328	0.5215

1975	SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA									
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF						
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.			
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)			
EVENT OF JULY 24 - AUGUST 24, 1975 (CONTINUED)													
							8-19	600	759.058	0.5233			
								1200	745.599	0.5249			
								1800	658.666	0.5265			
								2400	655.438	0.5279			
							8-20	800	621.898	0.5257			
								1600	593.128	0.5315			
								2400	575.698	0.5332			
							8-21	1200	551.456	0.5356			
								2000	523.398	0.5371			
								2400	515.715	0.5379			
							8-22	1200	502.948	0.5401			
								2400	462.050	0.5422			
							8-23	1200	461.229	0.5442			
								2400	452.030	0.5462			
							8-24	1200	442.830	0.5481			
								2400	431.740	0.5500			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000038583. No precipitation record is shown because most of the watershed lies outside of the area in which precipitation is measured.



EVENT OF JULY 24 - AUGUST 24, 1975  
CHICKASHA, OKLAHOMA WATERSHED 500 NEAR CHICKASHA

## CHICKASHA, OKLAHOMA WATERSHED 700 NEAR ALEX

LOCATION: Washita River Watershed above Alex, Okla.; Southwest Central Oklahoma and Texas Panhandle; in Grady, Caddo, Canadian, Kiowa, Washita, Custer, Beckham and Roger Mills Counties, Okla.; and Hemphill, Wheeler, and Gray Counties, Tex.; Washita River, Red River Basin. GAGING STATION--NW1/4 sec. 7, T. 5 N., R. 5 W., lat. 34 deg. 55 min. N., long. 97 deg. 46 min. W., 1 mile north of Alex, Okla.; at county road bridge over Washita River at river mile 226.5 approximately 3.8 miles downstream from confluence of Winter Creek.

AREA: 3061120.00 acres 4783.00 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										CHICKASHA, OKLAHOMA WATERSHED 700 NEAR ALEX									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	2.01	2.22	1.82	1.70	9.14	4.05	6.82	0.97	2.52	1.03	1.03	1.15	34.46					
	Q	0.066	0.156	0.146	0.153	0.384	0.400	0.404	0.353	0.082	0.072	0.081	0.072	2.389					
STA AV	P	1.28	1.38	1.86	2.79	4.65	2.59	2.59	2.80	4.15	2.68	1.81	1.00	29.58					
	Q	0.053	0.051	0.074	0.100	0.157	0.163	0.073	0.063	0.096	0.083	0.056	0.055	1.064					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-23	0.003	8-1	0.003	8-1	0.006	8-1	0.018	8-1	0.036	5-23	0.056	7-31	0.109	7-26	0.332		
MAXIMUMS FOR PERIOD OF RECORD																			
		5-23	0.003	8-1	0.003	8-1	0.006	9-20	0.015	8-1	0.036	5-7	0.064	5-6	0.114	5-5	0.336		
1975				1975		1975		1962		1975		1969		1969		1969			

NOTES: Watershed conditions: For area not included above subwatersheds as determined from a revised 1974 survey; sowed crop - 21%; row crop - 6%; alfalfa - 5%; pasture and range - 60%; and miscellaneous - 8%. For map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.7-21. Precipitation records began Oct. 1961; runoff records began Sept. 1961. STA AV (P) values are a Thiessen weighted average of 21 gages for 1963-70 on the reach from Tabler to Alex and for 77 gages for 1971-75 on the reach from Chickasha to Alex, Okla., for a total period of record (1963-75). For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY AIR TEMPERATURE (degrees F)														CHICKASHA, OKLAHOMA WATERSHED 700 NEAR ALEX													
Day		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec			
		max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min
1		46	27	40	34	62	38	76	35	74	46	76	57	88	65	90	72	95	69	69	44	74	62	57	22		
2		43	33	40	37	49	33	44	27	71	57	85	57	88	67	83	70	94	68	70	38	67	53	74	25		
3		42	27	46	39	37	32	55	22	76	55	90	67	89	68	86	70	96	65	72	38	58	50	72	28		
4		52	24	47	32	54	30	67	31	79	52	90	65	90	67	89	66	93	66	74	37	66	49	69	39		
5		50	32	32	22	68	36	70	44	74	61	90	71	94	66	91	63	94	67	80	39	64	55	74	42		
6		54	25	27	26	74	44	63	55	80	55	94	61	97	70	90	66	84	60	80	41	76	53	46	28		
7		64	31	44	25	52	32	59	52	83	50	82	62	98	68	90	68	88	55	80	47	72	48	54	24		
8		54	35	46	20	48	27	65	46	88	50	78	66	94	70	91	68	86	69	84	52	79	47	59	31		
9		64	42	30	24	44	38	70	46	86	57	80	66	90	74	94	67	88	64	88	56	73	42	66	26		
10		51	25	58	26	37	34	61	47	81	57	74	58	86	68	94	66	90	74	90	52	62	36	72	28		
11		39	21	52	30	42	33	56	40	78	60	76	54	88	66	91	69	93	52	88	60	68	37	68	39		
12		25	14	55	26	42	32	62	35	78	60	84	56	86	63	90	72	60	51	87	63	52	29	44	39		
13		45	25	70	34	49	24	50	46	82	57	93	62	85	60	90	78	56	52	85	65	58	23	70	44		
14		52	22	39	34	50	21	66	47	63	58	96	66	87	66	90	68	56	51	82	66	69	30	75	27		
15		58	22	34	25	48	35	79	46	72	51	84	61	87	67	85	68	73	55	83	49	68	36	39	22		
16		44	26	31	22	50	39	79	56	76	46	88	65	90	67	86	67	80	62	70	46	70	43	54	22		
17		44	30	45	20	64	38	85	64	79	58	86	64	88	68	86	70	85	62	63	44	71	53	31	15		
18		61	32	38	26	61	43	77	40	86	59	91	74	87	72	95	68	87	64	68	38	72	59	38	10		
19		47	24	46	23	75	36	69	34	84	62	90	73	86	70	90	69	75	52	74	38	63	40	54	21		
20		55	15	64	27	60	54	76	41	77	62	89	71	91	68	91	71	77	50	82	48	43	30	50	23		
21		49	32	52	40	79	51	77	47	85	64	88	70	93	71	93	71	62	48	80	53	40	27	42	18		
22		44	25	40	30	76	43	74	52	83	62	83	64	95	67	95	70	73	45	87	60	44	20	44	35		
23		58	24	34	28	70	42	82	66	78	63	81	68	94	73	92	70	78	44	82	60	52	19	38	34		
24		57	35	48	26	62	37	90	59	75	63	85	68	79	65	91	71	68	43	69	44	38	22	37	33		
25		62	30	56	30	58	30	89	54	82	59	82	69	81	70	92	72	68	43	56	33	51	22	40	27		
26		61	27	52	31	60	44	80	68	79	68	88	70	83	70	78	70	74	38	67	31	40	16	50	26		
27		65	39	57	25	68	44	77	51	82	63	86	68	90	72	86	70	80	49	76	51	56	23	50	26		
28		50	34	68	32	44	30	77	43	75	62	90	69	84	72	86	69	79	54	64	54	65	37	44	32		
29		51	33			34	26	83	55	76	58	88	68	88	71	92	72	84	49	70	46	80	50	36	33		
30		45	40			56	24	68	51	66	56	90	69	88	71	96	68	87	57	70	46	50	21	51	30		
31		40	34			65	40			74	48			87	72	57	70			78	57			56	29		
AV.		51	25	46	29	57	36	71	47	78	57	86	65	89	65	90	69	80	56	76	48	61	38	53	28		
MEAN		39.8		37.4		46.3		58.8		67.8		75.6		78.8		79.7		68.1		62.4		49.6		40.9			
STA AV		46	25	52	28	61	38	72	49	80	57	88	67	94	71	91	68	82	60	73	49	63	37	52	30		

NOTES: Data recorded at South Central Agricultural Research Station. AV and STA AV are rounded to the nearest degree. Mean rounded to the tenth of a degree. STA AV based on records from Sept. 1962 through 1975. For Chickasha Research Station Evaporation Data, see National Weather Service Climatological Data for Oklahoma.

1975	DAILY PRECIPITATION (inches)					CHICKASAW, OKLAHOMA			WATERSHED 700 NEAR ALEX			
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.12	0.18	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.13	0.0 T	0.0
2	0.88	0.32	0.0	0.0	1.03	0.0	0.0	0.31	0.0	0.0	0.20	0.0
3	0.0	0.32	0.0	0.0	0.01	0.0 T	0.12	0.0	0.0	0.0	0.01	0.0
4	0.0	0.06	0.0	0.0	0.06	0.0	0.01	0.0	0.0	0.0	0.0 T	0.0
5	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.28	0.0	0.09	0.07
6	0.0	0.0	0.0	0.03	0.0	0.59	0.0	0.0	0.0	0.0	0.06	0.0
7	0.0	0.0	0.0	0.72	0.0	0.09	0.39	0.0	0.0	0.0	0.0	0.0
8	0.05	0.0	0.0 T	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.31	0.0	0.0	0.18	0.08	0.0	0.0 T	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0 T	0.0 T	0.75	0.46	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.15	0.0 T	0.16	0.0	0.01	0.0	0.94	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.23	0.0	0.0	0.0
13	0.0	0.0	0.0 T	0.39	0.81	0.0	0.01	0.0 T	0.65	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.85	0.01	0.0	0.23	0.18	0.17	0.0	0.0 T
15	0.0	0.08	0.21	0.0	0.0	0.0	0.0	0.22	0.05	0.73	0.0	0.0
16	0.0	0.45	0.02	0.0	0.0	0.36	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.08	0.01	0.0	0.12	0.0	0.05	0.01	0.0	0.0	0.0
18	0.0	0.0	0.23	0.01	0.01	0.0	0.05	0.0	0.0 T	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.46	0.0	0.14	0.0	0.0	0.0	0.59	0.0
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.14	0.0	0.0	0.0
22	0.0	0.76	0.0	0.01	3.09	0.62	0.0	0.0	0.0	0.0	0.0	0.05
23	0.0	0.0	0.0	0.0	0.45	0.65	0.0	0.0	0.0	0.0	0.0	0.05
24	0.04	0.0	0.0	0.0	0.0	0.17	3.05	0.0	0.0	0.0	0.0	0.59
25	0.0	0.0	0.0	0.0	0.0	0.0	0.73	0.0	0.0	0.0	0.0	0.17
26	0.0	0.0	0.12	0.0	0.0	0.0	0.64	0.02	0.0	0.0	0.0	0.0
27	0.0	0.0	0.51	0.37	0.13	0.0	0.0 T	0.09	0.0	0.0	0.0	0.0
28	0.0	0.0	0.19	0.0	1.35	0.0	0.23	0.0	0.0	0.0	0.0	0.14
29	0.0	0.0	0.0 T	0.16	0.71	0.0	0.90	0.0	0.0	0.0	0.08	0.08
30	0.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	2.01	2.22	1.82	1.70	5.14	4.65	6.82	0.97	2.52	1.03	1.03	1.15
STA AV	1.28	1.38	1.86	2.75	4.65	2.59	2.59	2.80	4.15	2.68	1.81	1.00

NOTES: Precipitation values are a Thiessen weighted average of 21 gages for 1963-70 and for 77 gages for 1971-75.  
STA AV based on 13 yr for total period of record (1963-75).

1975	MEAN DAILY DISCHARGE (cfs)					CHICKASAW, OKLAHOMA			WATERSHED 700 NEAR ALEX			
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	316.9	770.5	734.0	775.0	381.4	2442.3	1344.2	4715.7	391.8	288.8	253.0	302.7
2	493.8	785.9	723.9	687.3	575.3	2414.6	1210.2	4708.4	384.0	284.2	259.6	295.7
3	868.5	1024.6	674.2	648.3	1062.0	1864.0	1140.3	4116.0	376.3	272.9	268.4	293.4
4	604.4	1119.9	641.9	619.6	880.3	1462.4	1100.0	3046.3	363.6	266.4	286.5	293.4
5	484.6	1106.3	619.6	610.2	878.1	1385.9	1048.5	2717.9	351.0	261.8	325.2	302.7
6	462.0	1096.0	594.6	594.6	863.6	1290.4	869.8	2353.9	376.3	259.6	600.0	298.0
7	464.8	1116.0	560.9	641.4	754.5	1350.8	651.6	2090.4	336.2	255.2	624.5	293.4
8	420.9	977.5	528.1	1199.2	645.1	1307.6	1666.6	2012.9	319.3	253.0	508.5	291.1
9	389.2	745.4	516.3	986.3	551.9	1173.0	776.2	1949.3	307.4	248.7	418.2	266.5
10	363.6	612.7	531.0	795.2	476.1	2144.4	670.4	1732.5	302.7	246.5	366.1	284.2
11	353.5	564.0	551.9	510.7	450.9	1541.5	713.1	1528.0	307.4	242.2	373.7	281.9
12	328.9	522.2	615.2	1045.8	434.4	1641.2	581.2	1385.7	392.6	238.0	353.5	277.4
13	312.1	481.7	578.9	929.8	571.1	2384.9	536.9	1195.9	399.7	231.7	326.5	284.2
14	312.1	467.6	539.9	922.3	1284.3	2574.2	513.4	1016.9	445.4	227.5	314.5	288.8
15	309.8	445.4	522.2	874.5	1894.8	2047.5	484.6	507.5	410.2	263.8	307.4	284.2
16	298.0	456.4	513.4	782.3	1790.6	1463.2	448.1	863.5	397.0	283.7	307.4	284.2
17	286.5	470.4	513.4	641.0	1601.5	1265.5	412.9	816.6	397.0	291.1	305.0	281.9
18	284.2	456.4	541.4	591.5	1392.1	1174.5	448.1	963.2	402.3	457.8	302.7	275.1
19	284.2	456.4	713.2	554.9	968.3	1160.7	467.6	935.3	381.4	690.8	302.7	275.1
20	284.2	450.9	720.1	531.0	829.9	1084.0	429.0	786.1	353.5	536.9	321.7	279.7
21	275.1	453.7	626.0	504.7	704.5	1028.9	394.4	693.9	348.5	412.6	328.9	277.4
22	270.6	704.3	585.3	470.4	1284.9	1372.0	371.2	638.7	341.1	346.5	326.5	277.4
23	270.6	915.4	548.9	456.4	7256.1	1602.0	371.2	575.2	331.3	315.3	319.3	279.7
24	268.4	796.0	510.5	437.2	4538.2	1797.9	2106.5	531.0	319.3	306.4	353.5	291.1
25	268.4	757.9	476.1	415.6	3427.5	2732.5	4318.5	501.8	307.4	279.7	356.0	331.3
26	268.4	737.4	456.4	399.7	2058.5	1854.5	4054.6	456.4	305.0	266.2	341.1	341.1
27	268.4	768.2	607.4	397.0	1538.5	2142.8	4315.9	445.4	305.0	261.8	319.3	338.7
28	261.8	764.8	782.2	426.3	2488.4	2532.1	4472.4	456.4	300.4	261.8	309.8	338.7
29	264.0	686.3	686.3	399.7	2572.2	1747.3	5164.5	450.9	291.1	253.0	316.9	348.5
30	270.6	683.2	458.5	2860.6	1486.5	6037.0	415.6	291.1	248.7	305.0	353.5	353.5
31	388.4	683.1	2341.8			4876.6	359.7		250.8		341.1	
MEAN	354.7	715.3	605.8	656.9	1592.2	1715.6	1677.3	1465.1	351.2	300.2	346.7	299.1
INCHES	0.086	0.156	0.146	0.153	0.384	0.400	0.404	0.353	0.082	0.072	0.081	0.072
STA AV	0.053	0.051	0.074	0.100	0.157	0.163	0.073	0.063	0.096	0.083	0.096	0.055

NOTES: To convert mean daily discharge in CFS to IBS/DAY, multiply by 0.000007776. To convert discharge in inches to AC-FT, multiply by 255,093. STA AV based on 15 yr (1961-75) record period.



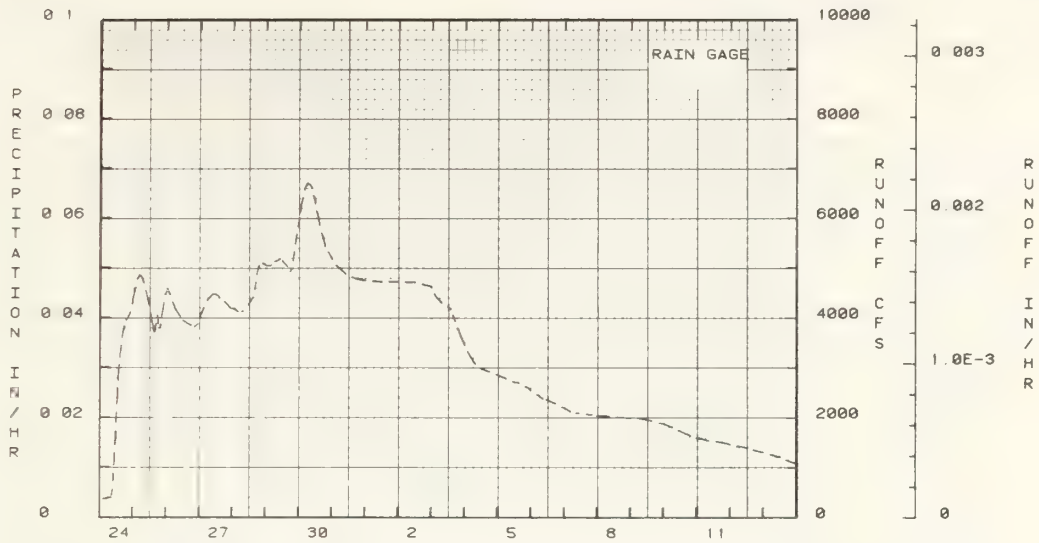
1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 700 BEAR ALEX							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT CP JULY 24 - AUGUST 24, 1975										
7-24		0.000					7-24	300	368.300	0.0
								441	369.858	0.0002
								530	388.858	0.0003
								611	388.158	0.0004
								700	401.500	0.0005
WATERSHED CONDITIONS: The land use of this 4,783 sq. mi. watershed is not monitored seasonally. From a revised 1974 survey for un- gaged area between stations 500 and 700: soybean crop - 21%; row crop - 6%; alfalfa - 5%; pasture and range - 60%; miscellaneous - 8%.										
								836	412.600	0.0007
								911	444.800	0.0008
								941	571.698	0.0009
								1000	722.800	0.0005
								1018	854.559	0.0010
								1041	1093.255	0.0011
								1100	1303.358	0.0012
								1118	1483.398	0.0014
								1141	1734.600	0.0016
								1200	1963.959	0.0018
								1236	2351.458	0.0020
								1300	2583.058	0.0023
								1330	2856.995	0.0028
								1400	3069.258	0.0032
								1430	3243.558	0.0037
								1518	3451.198	0.0046
								1630	3724.600	0.0060
								1730	3839.495	0.0072
								1900	3947.658	0.0091
								2200	4121.594	0.0130
							7-25	2400	4403.285	0.0158
								130	4618.464	0.0180
								300	4799.484	0.0203
								430	4862.164	0.0226
								530	4826.086	0.0242
								600	4814.086	0.0250
								630	4775.086	0.0258
								730	4669.785	0.0273
								930	4472.383	0.0303
								1130	4239.285	0.0331
								1300	3982.299	0.0351
								1500	3716.198	0.0376
								1530	3727.098	0.0382
								1553	3610.558	0.0366
								1606	3844.498	0.0389
								1636	3892.799	0.0395
								1700	4052.358	0.0401
								1730	4012.458	0.0407
								1800	3951.598	0.0414
								1811	3875.799	0.0416
								1918	3791.959	0.0430
								2000	3873.358	0.0438
								2030	4015.858	0.0445
								2200	4308.265	0.0465
								2300	4465.664	0.0479
							7-26	2400	4528.684	0.0494
								100	4578.484	0.0505
								111	4555.484	0.0511
								148	4519.383	0.0520
								230	4445.883	0.0531
								600	4182.586	0.0580
								1000	4015.299	0.0633
								1200	3941.398	0.0658
								1800	3839.058	0.0734
								2030	3818.500	0.0765
								2230	3885.198	0.0790
								2400	3955.459	0.0809
							7-27	300	4199.285	0.0849
								600	4371.086	0.0891
								900	4465.785	0.0934
								1000	4480.883	0.0948
								1030	4482.160	0.0955
								1200	4468.164	0.0977
								1230	4446.285	0.0984
								1353	4438.383	0.1004
								1430	4390.684	0.1013
								1800	4320.684	0.1062
								2241	4176.184	0.1127
								2400	4190.785	0.1145
							7-28	400	4115.391	0.1198

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000003240. No precipitation record is shown because most of the watershed lies outside of the area in which precipitation is measured.



1975			SELECTED RUNOFF EVENT			CHICKASAW, CMLABOMA			WATERSHED 700 NEAR ALEX		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 24 - AUGUST 24, 1975 (CONTINUED)											
							8- 8	1800	1955.298	0.4673	
								2400	1950.959	0.4712	
							8- 9	600	1989.500	0.4751	
								1600	1932.259	0.4814	
								2400	1875.858	0.4864	
							8-10	600	1809.898	0.4900	
								1200	1731.456	0.4934	
								2000	1631.799	0.4978	
								2400	1591.358	0.4998	
							8-11	900	1536.999	0.5044	
								1800	1504.898	0.5088	
								2400	1463.459	0.5117	
							8-12	600	1427.998	0.5145	
								1200	1356.358	0.5173	
								2400	1304.599	0.5225	
							8-13	1200	1210.898	0.5274	
								2100	1104.358	0.5308	
								2400	1066.300	0.5319	
							8-14	1200	1030.998	0.5360	
								1600	958.598	0.5373	
								2400	912.198	0.5398	
							8-15	300	903.658	0.5407	
								1000	911.459	0.5427	
								1800	917.858	0.5451	
								2400	876.858	0.5468	
							8-16	600	866.998	0.5485	
								1530	866.800	0.5512	
								2400	840.799	0.5535	
							8-17	530	809.358	0.5550	
								1700	803.298	0.5580	
								2100	826.398	0.5591	
								2400	859.458	0.5599	
							8-18	900	955.498	0.5625	
								1400	1000.198	0.5641	
								1730	1010.058	0.5653	
								2100	1008.898	0.5664	
								2400	956.398	0.5674	
							8-19	1200	935.259	0.5711	
								2400	847.158	0.5746	
							8-20	900	794.598	0.5770	
								1800	760.158	0.5792	
								2400	733.500	0.5807	
							8-21	1200	693.898	0.5835	
								2400	666.300	0.5861	
							8-22	1200	638.698	0.5886	
								2400	608.948	0.5911	
							8-23	1200	575.158	0.5934	
								2400	555.099	0.5956	
							8-24	1200	531.000	0.5977	
								2400	516.398	0.5997	

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.0000003240. No precipitation record is shown because most of the watershed lies outside of the area in which precipitation is measured.



EVENT OF JULY 24 - AUGUST 24, 1975  
 CHICKASHA, OKLAHOMA WATERSHED 700 NEAR ALEX



## CHICKASHA, OKLAHOMA WATERSHED 111 NEAR ANADARKO

LOCATION: Tonkawa Creek Watershed above County road South of Anadarko in Caddo County, Okla.; tributary to Washita River; Red River Basin. GAGING STATION--NW1/4 sec. 34, T. 7 N., R. 10 W., lat. 35 deg. 03 min. N.; long. 98 deg. 15 min. W.; 2 miles South of Anadarko, Okla., on upstream side of section line road bridge.

AREA: 16634.00 acres 26.00 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						CHICKASHA, OKLAHOMA WATERSHED 111 NEAR ANADARKO											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	2.36	1.99	1.57	1.31	8.27	3.95	6.68	2.07	2.18	1.00	1.54	0.99	34.31			
	Q	0.185	0.203	0.173	0.130	0.489	0.260	0.359	0.168	0.059	0.062	0.113	0.144	2.345			
STA AV	P	0.88	1.11	1.86	2.61	4.18	2.86	2.19	2.68	3.94	2.32	1.82	0.90	27.34			
	Q	0.081	0.089	0.136	0.147	0.191	0.102	0.052	0.026	0.045	0.041	0.078	0.073	1.060			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5- 2	0.011	5- 2	0.010	5- 2	0.019	5- 2	0.045	7-24	0.064	7-24	0.097	7-24	0.142	7-24	0.325
MAXIMUMS FOR PERIOD OF RECORD																	
		5-10	0.046	5-10	0.044	5-10	0.080	5-10	0.135	5-10	0.149	5- 9	0.234	5- 9	0.295	5-31	0.382
		1964		1964		1964		1964		1964		1964		1964		1973	

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 16%; row crop - 1%; alfalfa - 2%; pasture and range - 72% and miscellaneous - 9%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.7-21 and 1962, USDA Misc. Pub. 1070, p. 69.7-9 (Geologic) and p. 69.10-4 (Topography). Precipitation data obtained from a Thiessen weighted average of 6 gages on the watershed. Precipitation records began Oct. 1961; runoff records began June 1962. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)													CHICKASHA, OKLAHOMA WATERSHED 111 NEAR ANADARKO	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.14	0.17	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.09	0.0	0.0		
2	0.97	0.32	0.0	0.0	1.43	0.0	0.0	0.96	0.0	0.0	0.24	0.0		
3	0.0	0.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0		
4	0.0	0.07	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.19	0.0		
6	0.0	0.0	0.0	0.01	0.0	0.37	0.0	0.0	0.0	0.0	0.01	0.0		
7	0.0	0.0	0.0	0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
8	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.0	0.0	0.35	0.0	0.0	0.0	0.47	0.0	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	0.59	0.26	0.0	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.20	0.0	0.09	0.0	0.03	0.0	0.83	0.0	0.0	0.0		
12	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.34	0.0	0.0	0.0		
13	0.0	0.0	0.01	0.31	1.27	0.0	0.01	0.07	0.68	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	1.13	0.0	0.0	0.47	0.16	0.28	0.0	0.0		
15	0.0	0.02	0.28	0.0	0.0	0.0	0.0	0.33	0.01	0.63	0.0	0.0		
16	0.0	0.44	0.01	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.14	0.06	0.0	0.0	0.0	0.03	0.01	0.0	0.0	0.0		
18	0.0	0.0	0.28	0.02	0.20	0.0	0.25	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.23	0.0	0.15	0.0	0.0	0.0	0.96	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.36	0.0	0.0	0.14	0.0	0.0	0.0		
22	0.0	0.52	0.0	0.0	2.12	1.04	0.0	0.0	0.0	0.0	0.0	0.03		
23	0.0	0.0	0.0	0.0	0.07	0.07	0.0	0.0	0.0	0.0	0.0	0.06		
24	0.01	0.0	0.0	0.0	0.0	1.22	4.17	0.0	0.0	0.0	0.0	0.57		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.10		
26	0.0	0.0	0.05	0.0	0.0	0.0	0.97	0.19	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.47	0.22	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.17	0.0	0.61	0.0	0.05	0.0	0.0	0.0	0.0	0.14		
29	0.0	0.0	0.01	0.0	0.95	0.0	0.15	0.0	0.0	0.0	0.13	0.09		
30	1.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	2.36	1.99	1.97	1.31	8.27	3.95	6.68	2.07	2.18	1.00	1.54	0.99		
STA AV	0.88	1.11	1.86	2.61	4.18	2.86	2.19	2.68	3.94	2.32	1.82	0.90		

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are a Thiessen weighted average of 6 rain gages on the watershed. STA AV based on 15 yr (1961-75) record period.

1975	MEAN DAILY DISCHARGE (cfs)					CHICKASAW, OKLAHOMA WATERSHED 111 NEAR ANADARKO						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.930	6.720	3.640	3.240	1.620	6.720	3.930	5.750	1.000	1.150	1.710	2.860
2	11.466	6.520	3.510	2.860	23.138	5.570	3.370	19.355	0.910	1.150	1.650	2.860
3	8.220	8.450	3.370	2.620	36.759	4.540	2.860	14.895	0.830	1.150	2.050	2.860
4	6.320	9.410	3.240	2.620	12.380	3.640	2.740	5.170	0.760	1.150	2.050	2.560
5	5.390	6.720	3.240	2.510	8.690	3.110	2.290	6.920	0.830	1.150	2.620	2.370
6	4.710	5.570	3.240	2.620	6.320	2.960	2.090	5.350	0.910	1.050	3.370	2.860
7	4.390	5.210	2.980	3.930	4.540	3.510	1.620	4.230	0.910	1.050	2.960	2.740
8	4.230	5.210	2.740	6.520	3.640	3.370	1.710	3.370	0.830	1.000	2.740	2.740
9	4.230	3.930	3.640	4.710	3.110	3.240	2.740	2.860	0.910	1.000	2.400	2.620
10	4.230	3.930	4.540	4.390	2.740	4.870	2.740	2.620	0.910	1.000	2.190	2.620
11	3.640	4.230	4.390	3.640	2.400	4.080	2.860	2.290	1.000	1.000	2.050	2.620
12	2.980	3.790	4.540	3.240	2.510	3.370	2.290	1.990	1.990	0.510	1.710	2.860
13	2.860	3.930	3.930	3.930	9.804	2.740	1.890	1.800	1.800	0.510	1.620	2.960
14	2.980	3.930	3.510	4.080	33.163	2.510	1.540	3.240	2.400	0.510	1.710	3.110
15	3.110	3.930	3.370	3.510	15.154	2.190	1.300	3.510	2.290	2.050	1.850	2.860
16	3.110	4.870	4.230	3.110	9.410	2.090	1.150	3.510	2.090	1.850	1.990	2.740
17	3.110	5.570	4.540	2.980	6.720	2.400	1.090	3.370	2.090	1.710	2.050	2.740
18	3.240	5.210	6.720	3.110	5.040	1.950	1.000	2.980	1.890	1.710	2.090	2.860
19	3.110	4.390	5.210	2.510	5.210	1.800	1.090	2.510	1.620	1.710	4.528	2.740
20	2.980	4.230	4.540	2.290	4.710	1.620	1.220	2.050	1.450	1.620	5.210	2.740
21	2.960	4.080	4.080	2.090	3.790	1.710	1.150	1.890	1.450	1.620	3.510	2.740
22	2.620	6.520	3.640	2.190	12.208	11.709	0.510	1.800	1.620	1.540	3.110	2.860
23	2.620	5.210	3.510	2.400	38.244	7.550	0.650	1.450	1.450	1.620	3.110	2.740
24	2.980	4.710	2.860	2.400	16.880	18.757	57.175	1.370	1.370	1.620	2.660	3.750
25	2.980	4.390	2.860	2.190	10.570	27.907	38.027	1.220	1.370	1.540	2.740	5.210
26	2.980	3.930	2.980	2.190	8.000	17.590	38.427	1.220	1.300	1.620	2.740	5.040
27	2.860	3.790	5.421	2.400	6.130	11.240	29.395	1.370	1.370	1.620	2.740	4.350
28	2.740	3.790	4.540	2.620	7.744	8.000	15.510	1.370	1.300	1.620	2.740	4.060
29	2.620		4.390	2.090	20.030	6.130	11.520	1.300	1.300	1.620	3.110	4.870
30	4.429		4.080	1.800	12.380	4.870	9.170	1.150	1.150	1.620	3.240	4.350
31	11.601		3.640		8.450		7.130	1.150		1.710		3.930
MEAN	4.176	5.077	3.907	3.026	11.028	6.061	8.065	3.778	1.370	1.392	2.630	3.252
IMCBES	0.185	0.203	0.173	0.130	0.489	0.260	0.359	0.168	0.059	0.062	0.113	0.144
STA AV	0.081	0.089	0.136	0.147	0.191	0.102	0.052	0.026	0.045	0.041	0.078	0.073

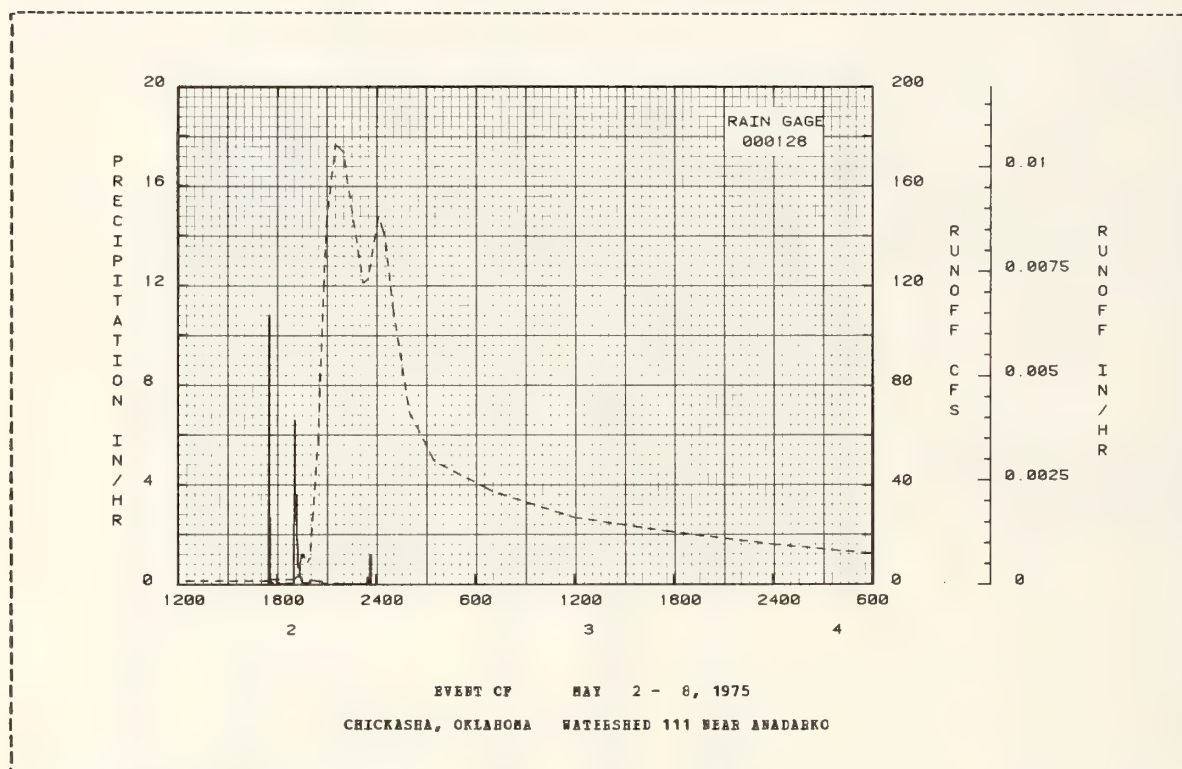
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.001431. To convert discharge in inches to AC-FT, multiply by 1,386. STA AV based on 14 yr (1962-75) record period.

1975	SELECTED RUNOFF EVENT				CHICKASAW, OKLAHOMA WATERSHED 111 NEAR ANADARKO						
ANTECEDENT CONDITIONS				RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF MAY 2 - 8, 1975											
EG 000128											
5- 2	0.0	0.001	5- 2	1730	0.0	0.0	5- 2	1230	1.540	0.0	
				1731	10.8026	0.18		1736	1.620	0.0005	
				1732	4.2010	0.25		1741	2.150	0.0005	
				1733	1.2000	0.27		1900	2.190	0.0007	
				1735	2.7000	0.36		1918	3.640	0.0007	
WATERSHED CONDITIONS:											
From a revised 1974 survey;											
sowed crop - 16%; row crop -											
1%; alfalfa - 2%; pasture											
and range - 72%; and miscel-											
laneous - 9%.											
				1737	0.3000	0.37		1923	7.150	0.0007	
				1744	0.0857	0.38		1930	12.090	0.0008	
				1803	0.0	0.38		1936	12.050	0.0009	
				1810	0.0857	0.35		1941	10.700	0.0009	
				1832	0.0273	0.40		1953	8.920	0.0011	
				1844	0.0500	0.41		2000	10.700	0.0011	
				1853	0.0667	0.42		2011	26.270	0.0013	
				1902	0.0667	0.43		2030	57.720	0.0021	
				1904	2.4000	0.51		2048	119.300	0.0037	
				1905	6.6016	0.62		2100	147.940	0.0053	
				1908	2.6000	0.75		2130	176.610	0.0101	
				1910	3.0000	0.85		2200	173.360	0.0153	
				1911	3.6000	0.91		2211	163.820	0.0172	
				1913	3.6000	1.03		2311	121.080	0.0257	
				1915	1.8000	1.05		2330	122.870	0.0260	
				1917	1.5000	1.14		2400	143.870	0.0320	
				1923	0.7000	1.21	5- 3	8	147.940	0.0328	
				1927	0.3000	1.23		30	139.860	0.0363	
				1929	0.3000	1.24		100	110.680	0.0400	
				1933	0.1500	1.25		200	69.070	0.0453	
				1945	0.0500	1.26		330	49.630	0.0507	
				1952	0.0	1.26		700	37.440	0.0597	
				2000	0.0750	1.27		1200	26.850	0.0653	
				2021	0.1714	1.33		1800	21.020	0.0779	
				2034	0.1385	1.36		2400	16.180	0.0845	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0005962.

1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 111 NEAR ANADARKO						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
EVENT OF MAY 2 - 8, 1975 (CONTINUED)									
5- 2			2044		0.1200	1.36	5- 4	1200	12.360
			2101		0.0353	1.39		2400	10.535
			2128		0.0	1.39	5- 5	1200	8.650
			2141		0.0462	1.40		2400	7.505
			2329		0.0444	1.48	5- 6	1200	6.320
			2331		0.3000	1.49		2400	5.430
			2341		0.0	1.49	5- 7	1200	4.540
			2342		1.2000	1.51		2400	4.050
							5- 8	1200	3.640
								2400	3.375
									0.1367

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00005562.





## CHICKASAW, OKLAHOMA WATERSHED 131 NEAR ANADARKO

LOCATION: Delaware Creek Watershed above County road bridge East of Anadarko in Caddo County, Okla.; tributary to Washita River; Red River Basin. GAGING STATION--NW1/4 sec. 29, T. 7 N., R. 9 W., lat 35 deg. 03 min. N., long. 96 deg. 10 min. W., 3 miles East and 1 mile South of Anadarko, Okla., at section line road bridge.

AREA: 25660.00 acres 40.10 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										CHICKASAW, OKLAHOMA WATERSHED 131 NEAR ANADARKO									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	2.14	2.14	2.35	1.46	8.89	4.61	6.30	1.43	2.33	1.13	1.16	1.13	35.07					
	Q	0.148	0.178	0.167	0.127	0.425	0.338	0.351	0.100	0.035	0.039	0.067	0.098	2.074					
STA AV	P	0.96	1.22	1.87	2.74	4.39	2.83	2.37	2.54	3.99	2.50	1.94	0.96	28.32					
	Q	0.063	0.076	0.115	0.115	0.169	0.097	0.041	0.014	0.022	0.033	0.045	0.054	0.844					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-24	0.025	6-24	0.024	6-24	0.048	6-24	0.115	6-24	0.152	6-24	0.177	6-24	0.196	7-24	0.307		
MAXIMUMS FOR PERIOD OF RECORD																			
		6-2	0.042	6-2	0.041	6-2	0.075	6-2	0.193	6-2	0.273	6-2	0.315	6-1	0.372	5-31	0.461		
		1973		1973		1973		1973		1973		1973		1973		1973			

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 11%; row crop - 3%; alfalfa - 2%; pasture and range - 74%; and miscellaneous - 10%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, p. 69.11-4 (Topography) and 1965, USDA Misc. Pub. 1216, p. 69.7-21 (Composite). Precipitation data obtained from a Thiessen weighted average of 10 gages on the watershed. Precipitation records began Oct. 1961; runoff records began Aug. 1962. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)														CHICKASAW, OKLAHOMA WATERSHED 131 NEAR ANADARKO													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.16	0.15	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.13	0.0	0.0															
2	0.95	0.30	0.0	0.0	1.34	0.0	0.0	0.56	0.0	0.0	0.16	0.0															
3	0.0	0.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0															
4	0.0	0.07	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
5	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.04	0.0															
6	0.0	0.0	0.0	0.10	0.0	0.45	0.0	0.0	0.0	0.0	0.01	0.0															
7	0.0	0.0	0.0	0.80	0.0	0.03	0.03	0.0	0.0	0.0	0.0	0.0															
8	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
9	0.0	0.0	0.35	0.0	0.0	0.01	0.13	0.0	0.0	0.0	0.0	0.0															
10	0.0	0.0	0.0	0.0	0.01	0.61	0.18	0.0	0.0	0.0	0.0	0.0															
11	0.0	0.0	0.29	0.0	0.20	0.0	0.02	0.0	0.86	0.0	0.0	0.0															
12	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.38	0.0	0.0	0.0															
13	0.0	0.0	0.04	0.38	0.58	0.0	0.0	0.08	0.73	0.0	0.0	0.0															
14	0.0	0.0	0.0	0.0	1.12	0.0	0.0	0.39	0.16	0.24	0.0	0.0															
15	0.0	0.05	0.27	0.0	0.0	0.0	0.0	0.34	0.03	0.76	0.0	0.0															
16	0.0	0.42	0.01	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.0	0.0															
17	0.0	0.0	0.16	0.03	0.0	0.0	0.0	0.01	0.03	0.0	0.0	0.0															
18	0.0	0.0	0.19	0.03	0.11	0.0	0.20	0.0	0.0	0.0	0.0	0.0															
19	0.0	0.0	0.0	0.0	0.36	0.0	0.05	0.0	0.0	0.0	0.83	0.0															
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
21	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.12	0.0	0.0	0.0															
22	0.0	0.69	0.0	0.0	2.34	1.00	0.0	0.0	0.0	0.0	0.0	0.03															
23	0.0	0.0	0.0	0.0	0.14	0.24	0.0	0.0	0.0	0.0	0.0	0.0															
24	0.01	0.0	0.0	0.0	0.0	1.66	3.45	0.0	0.0	0.0	0.0	0.0															
25	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0	0.0	0.0															
26	0.0	0.0	0.08	0.0	0.0	0.0	0.72	0.02	0.0	0.0	0.0	0.0															
27	0.0	0.0	0.66	0.12	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
28	0.0	0.0	0.28	0.0	0.90	0.0	0.05	0.0	0.0	0.0	0.0	0.0															
29	0.0	0.0	0.02	0.0	1.09	0.0	1.10	0.0	0.0	0.0	0.11	0.12															
30	0.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
31	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
TOTAL	2.14	2.14	2.35	1.46	8.89	4.61	6.30	1.43	2.33	1.13	1.16	1.13															
STA AV	0.56	1.22	1.87	2.74	4.39	2.83	2.37	2.54	3.99	2.50	1.94	0.96															

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are a Thiessen weighted average of 10 rain gages on the watershed. STA AV based on 15 yr (1961-75) record period.



1975 MEAN DAILY DISCHARGE (cfs) CHICKASBA, OKLAHOMA WATERSHED 131 NEAR ANADARKO												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.81	8.36	4.47	4.64	1.44	7.19	4.31	7.64	0.83	1.14	1.70	2.25
2	23.64	8.36	4.15	3.84	23.64	6.12	3.84	13.12	0.77	1.08	1.79	2.40
3	11.22	13.24	3.99	3.65	50.35	5.16	3.40	11.97	0.72	1.08	2.08	2.52
4	6.53	16.05	4.15	3.69	5.52	4.31	3.27	6.33	0.67	1.08	1.89	2.52
5	5.73	8.36	4.15	3.69	4.81	4.15	3.00	4.58	0.67	1.08	1.98	2.88
6	4.81	6.53	4.15	3.84	4.15	3.84	2.63	4.31	0.62	1.01	2.08	2.25
7	4.64	5.16	3.69	9.61	3.13	6.33	2.52	3.84	0.62	0.95	1.89	2.29
8	4.98	7.19	3.55	20.10	2.75	4.47	2.63	3.40	0.57	0.95	1.89	2.52
9	4.98	4.64	5.35	6.12	2.40	4.15	2.63	3.13	0.57	0.95	1.89	2.52
10	4.47	5.35	6.12	4.58	2.08	9.06	2.75	3.13	0.62	0.95	1.58	2.63
11	3.69	5.53	7.96	4.64	2.40	7.19	2.88	2.88	0.62	0.95	2.08	2.63
12	2.88	4.64	7.64	4.31	2.52	4.64	2.52	2.52	2.08	0.89	1.89	2.63
13	3.13	4.64	5.53	6.75	6.19	3.55	2.08	2.52	1.58	0.83	1.89	2.75
14	3.69	4.64	4.81	6.96	44.55	3.13	1.89	3.27	3.13	0.89	2.19	2.52
15	3.99	4.64	5.35	4.98	12.41	2.75	1.79	4.15	2.25	4.16	2.19	2.40
16	3.69	6.96	8.12	4.15	5.16	2.63	1.70	3.40	2.19	2.29	2.29	2.52
17	3.55	7.88	6.33	3.84	3.84	3.40	1.61	3.00	1.98	1.70	2.29	2.40
18	3.69	6.53	11.25	3.84	3.27	2.63	1.70	2.75	1.61	1.53	2.29	2.19
19	3.55	5.16	6.96	3.00	3.99	2.29	1.85	2.40	1.37	1.53	4.66	2.52
20	3.13	5.16	5.16	3.00	4.98	2.29	1.85	2.08	1.21	1.44	4.99	2.75
21	3.27	4.47	4.47	2.75	3.40	2.19	1.53	1.98	1.37	1.37	2.88	2.63
22	3.00	14.58	4.15	3.00	19.91	19.40	1.53	1.89	1.61	1.37	2.75	2.88
23	3.13	8.36	3.84	3.13	52.76	8.36	1.25	1.70	1.37	1.44	2.52	2.88
24	3.55	6.33	3.84	2.88	12.10	126.18	79.62	1.61	1.21	1.37	2.52	4.64
25	3.55	5.35	3.13	2.75	7.19	79.35	29.47	1.44	1.21	1.29	2.52	6.96
26	3.27	4.81	3.55	2.75	5.73	13.91	33.95	1.44	1.37	1.37	2.40	6.33
27	3.27	4.64	14.90	2.88	5.35	8.86	22.00	1.70	1.21	1.53	2.52	5.35
28	3.13	4.47	9.38	3.00	31.17	6.56	8.86	1.61	1.14	1.44	2.52	4.64
29	3.13	7.64	7.64	2.52	58.28	5.53	93.14	1.44	1.14	1.37	2.88	7.64
30	3.96	6.75	1.89	1.89	21.69	4.81	45.47	1.29	1.08	1.44	2.75	6.53
31	15.86	5.53			10.20		10.20	1.01		1.70		4.98
MEAN	5.155	6.858	5.808	4.574	14.766	12.162	12.153	3.482	1.261	1.360	2.407	3.407
INCHES	0.146	0.178	0.167	0.127	0.425	0.338	0.351	0.100	0.035	0.039	0.067	0.098
STA AV	0.063	0.076	0.115	0.115	0.169	0.097	0.041	0.014	0.022	0.033	0.045	0.054

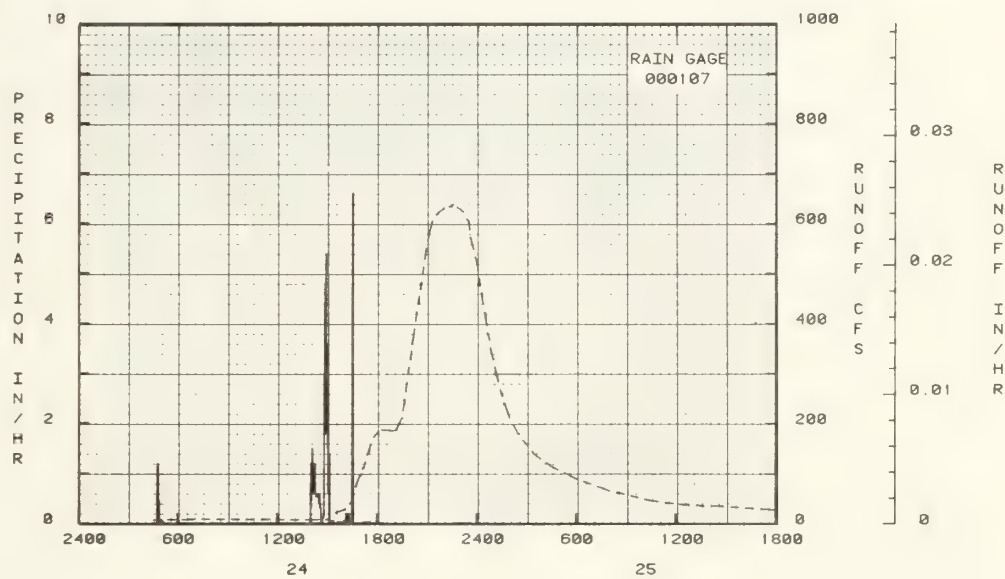
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.0009276. To convert discharge in inches to AC-FT, multiply by 2,138. STA AV based on 14 yr (1962-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASBA, OKLAHOMA WATERSHED 131 NEAR ANADARKO												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF JUNE 24 - 28, 1975												
RG 000107			EG 000107									
6-24	0.0	0.001	6-24	445	0.0	0.0	6-24	430	7.640	0.0		
				446	1.2000	0.02		700	8.860	0.0008		
				448	1.2000	0.06		1400	7.150	0.0030		
				449	1.2000	0.08		1430	8.360	0.0031		
				453	0.4500	0.11		1500	8.610	0.0033		
WATERSHED CONDITIONS:				509	0.0375	0.12		1511	12.590	0.0034		
From a revised 1974 survey;				1400	0.0	0.12		1536	23.210	0.0036		
sowed crop - 11%; row crop -				1403	0.8000	0.16		1606	28.770	0.0041		
3%; alfalfa - 2%; pasture				1405	1.2000	0.20		1630	45.080	0.0047		
and range - 74%; and miscel-				1407	1.5000	0.25		1648	82.220	0.0055		
laneous - 10%.				1410	0.6000	0.28		1711	109.400	0.0069		
				1414	0.6000	0.32		1730	144.150	0.0084		
				1416	1.2000	0.36		1748	172.450	0.0103		
				1420	0.6000	0.40		1806	165.230	0.0123		
				1429	0.5333	0.48		1818	166.960	0.0138		
				1431	0.6000	0.50		1900	165.230	0.0188		
				1434	0.4000	0.52		1911	167.820	0.0201		
				1438	0.3000	0.54		1930	211.760	0.0226		
				1444	0.0	0.54		1941	248.310	0.0242		
				1449	0.1200	0.55		1948	283.029	0.0254		
				1450	3.0000	0.60		2000	330.250	0.0278		
				1451	1.6000	0.63		2011	374.600	0.0303		
				1452	4.8000	0.71		2023	423.510	0.0334		
				1453	1.6000	0.74		2041	483.520	0.0366		
				1454	3.6000	0.80		2053	534.790	0.0426		
				1455	5.4000	0.85		2106	577.270	0.0472		
				1456	1.6000	0.92		2118	604.458	0.0518		
				1457	3.6000	0.98		2141	622.398	0.0609		
				1459	3.0000	1.06		2200	629.350	0.0685		
				1500	1.8000	1.11		2218	633.540	0.0759		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0003665.

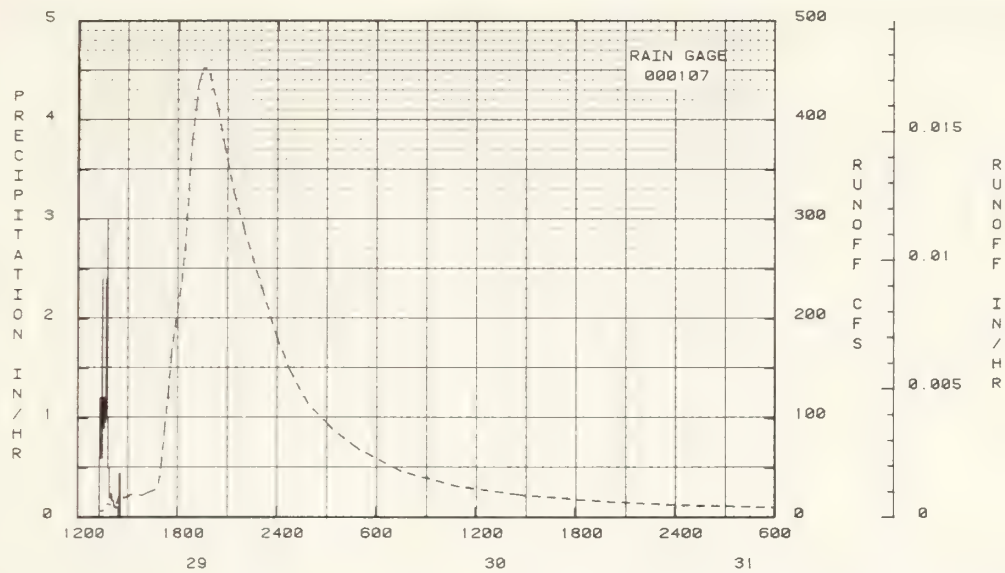
1975	SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 131 NEAR ANADARKO							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JUNE 24 - 28, 1975 (CONTINUED)											
			6-24	1501	2.4000	1.15	6-24	2230	634.938	0.0808	
				1503	1.5000	1.20		2248	632.136	0.0881	
				1504	2.4000	1.24		2311	622.398	0.0974	
				1505	0.6000	1.25		2330	601.719	0.1049	
				1508	1.4000	1.32		2341	561.166	0.1090	
				1509	0.6000	1.33		2400	519.158	0.1156	
				1511	0.0	1.35	6-25	18	452.510	0.1212	
				1515	0.0	1.33		36	355.260	0.1262	
				1524	0.0667	1.34		53	341.128	0.1302	
				1542	0.0	1.34		118	263.029	0.1352	
				1602	0.0300	1.35		141	238.720	0.1391	
				1611	0.0667	1.36		200	210.850	0.1416	
				1614	0.2000	1.37		230	178.390	0.1456	
				1616	0.0	1.37		330	138.000	0.1517	
				1619	0.2000	1.36		430	113.630	0.1566	
				1630	3.0	1.36		600	89.210	0.1624	
				1631	6.6016	1.45		600	65.360	0.1684	
				1713	0.0	1.49		1030	45.800	0.1738	
				1734	0.0286	1.50		1248	36.340	0.1774	
				1754	0.0	1.50		1453	34.500	0.1803	
								1800	26.660	0.1840	
								2400	18.800	0.1892	
							6-26	1200	13.910	0.1968	
								2400	11.365	0.2027	
							6-27	1200	8.860	0.2074	
								2400	7.910	0.2113	
							6-28	1200	6.960	0.2147	
								2400	6.245	0.2178	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00003865.



EVENT OF JUNE 24 - 28, 1975  
CHICKASHA, OKLAHOMA WATERSHED 131 NEAR ANADARKO





EVENT OF JULY 29 - AUGUST 1, 1975  
CHICKASHA, OKLAHOMA WATERSHED 131 NEAR ANADARKO



## CHICKASHA, OKLAHOMA WATERSHED 511 NEAR TABLER

LOCATION: West Bitter Creek Watershed above U.S. Highway 62 bridge, East of Chickasha in Grady County, Okla.; tributary to Washita River; Red River Basin. GAGING STATION--SW1/4 sec. 29, T. 7 N., R. 6 W., lat. 35 deg. 03 min. N., long. 97 deg. 51 min. W., 4 miles East of Chickasha, Okla., at U.S. highway 62 bridge.

AREA: 38020.00 acres 59.40 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED 511 NEAR TABLER											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual											
1975	P	1.95	2.25	2.11	2.05	7.29	4.36	6.35	1.34	2.29	0.91	1.25	1.12	33.31											
	Q	0.275	0.432	0.338	0.550	1.360	1.107	1.170	0.322	0.173	0.129	0.133	0.131	6.118											
STA AV	P	0.91	1.20	2.02	2.87	3.73	3.16	2.33	3.08	3.82	2.56	1.91	1.03	26.62											
	Q	0.060	0.092	0.245	0.332	0.394	0.406	0.127	0.181	0.210	0.188	0.140	0.081	2.477											
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																									
		Maximum Discharge Date	Rate	1 Hour Date	Vol.	2 Hours Date	Vol.	Maximum Volume for Selected Time Interval 6 Hours Date	Vol.	12 Hours Date	Vol.	1 Day Date	Vol.	2 Days Date	Vol.	8 Days Date	Vol.								
1975		7-28	0.052	7-28	0.051	7-28	0.098	7-28	0.212	5-22	0.339	5-22	0.447	5-22	0.550	5-22	0.589								
MAXIMUMS FOR PERIOD OF RECORD																									
		4-12 1967	0.086	4-12 1967	0.086	4-12 1967	0.169	10-2 1971	0.462	10-2 1971	0.729	10-2 1971	0.796	10-2 1971	0.832	5-31 1973	1.596								

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 23%; row crop - 3%; alfalfa - 3%; pasture and range - 62% and miscellaneous - 9%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.13-11 (Topography) and p. 65.7-21 (Composite). Precipitation records began Oct. 1961; runoff records began Oct. 1962. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975		DAILY PRECIPITATION (inches)					CHICKASHA, OKLAHOMA WATERSHED 511 NEAR TABLER						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.14	0.20	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.06	0.0	0.0	
2	0.89	0.29	0.0	0.0	0.77	0.0	0.0	0.19	0.0	0.0	0.17	0.0	
3	0.0	0.27	0.0	0.0	0.0	0.0	0.43	0.0	0.0	0.0	0.01	0.0	
4	0.0	0.07	0.0	0.0	0.02	0.0	0.01	0.0	0.0	0.0	0.02	0.0	
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.28	0.04	
6	0.0	0.0	0.0	0.0	0.0	0.70	0.0	0.0	0.0	0.0	0.17	0.0	
7	0.0	0.0	0.0	1.22	0.0	0.01	0.68	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.44	0.0	0.0	0.17	0.07	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	1.03	0.52	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.16	0.0	0.17	0.0	0.0	0.0	0.62	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.23	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.44	1.17	0.0	0.0	0.0	0.40	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.39	0.0	0.0	0.66	0.30	0.18	0.0	0.01	
15	0.0	0.07	0.13	0.0	0.0	0.0	0.0	0.19	0.01	0.67	0.0	0.0	
16	0.0	0.50	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.13	0.04	0.0	0.46	0.0	0.06	0.02	0.0	0.0	0.0	
18	0.0	0.0	0.33	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.22	0.0	0.04	0.0	0.0	0.0	0.55	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.11	0.0	0.0	0.0	
22	0.0	0.82	0.0	0.0	2.49	0.55	0.0	0.0	0.0	0.0	0.0	0.07	
23	0.0	0.0	0.0	0.0	0.36	0.67	0.0	0.0	0.0	0.0	0.0	0.10	
24	0.03	0.0	0.0	0.0	0.0	0.04	2.70	0.0	0.0	0.0	0.0	0.65	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.0	0.0	0.0	0.0	0.08	
26	0.0	0.0	0.16	0.0	0.0	0.0	0.71	0.02	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.57	0.24	0.06	0.0	0.0	0.12	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.19	0.0	1.15	0.0	0.91	0.0	0.0	0.0	0.0	0.10	
29	0.0	0.0	0.0	0.09	0.48	0.0	0.05	0.0	0.0	0.0	0.05	0.07	
30	0.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.99	2.25	2.11	2.05	7.29	4.36	6.35	1.34	2.29	0.91	1.25	1.12	
STA AV	0.91	1.20	2.02	2.87	3.73	3.16	2.33	3.08	3.82	2.56	1.91	1.03	

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are a Thiessen weighted average of 15 rain gages on the watershed. STA AV based on 15 yr. (1961-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASBA, OKLAHOMA WATERSHED 511 NEAR TALLEE												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	9.26	16.87	16.50	15.77	12.71	52.28	18.62	50.31	7.88	6.68	6.65	6.15
2	79.99	16.87	14.36	15.05	13.84	38.03	17.25	39.27	7.88	6.65	6.65	6.15
3	57.05	26.42	13.36	13.36	56.31	31.08	17.95	35.03	7.88	6.65	7.13	6.15
4	27.17	45.51	12.71	13.03	20.47	25.44	33.16	28.43	7.63	6.42	7.13	6.15
5	18.02	31.08	12.71	13.36	16.13	24.49	20.47	22.65	9.31	6.42	7.13	6.65
6	13.69	22.20	12.71	13.65	15.05	22.65	16.13	18.82	14.77	6.65	5.26	6.42
7	14.02	18.02	12.71	74.07	13.03	57.03	60.36	16.13	8.15	6.42	6.65	5.57
8	12.09	16.13	11.48	193.02	11.48	31.08	50.73	14.71	7.63	6.19	7.37	5.57
9	10.61	14.36	12.71	59.66	10.61	28.43	23.10	14.02	7.63	5.75	7.13	5.57
10	10.61	13.36	18.02	35.62	10.50	326.51	54.85	13.36	7.63	5.97	6.68	5.57
11	9.78	14.36	15.05	26.42	12.09	83.45	32.04	12.40	7.63	5.75	6.65	5.57
12	7.13	12.40	22.20	22.20	13.36	46.63	18.02	11.78	12.05	5.34	6.19	6.19
13	8.69	20.08	20.47	25.44	33.50	35.03	13.65	11.19	10.33	5.14	6.19	5.57
14	8.97	12.03	16.13	27.92	124.60	31.08	11.15	20.70	13.69	4.94	6.42	5.57
15	8.97	12.71	14.71	22.20	48.32	28.43	10.05	22.65	13.03	10.05	6.65	6.19
16	8.69	17.25	15.41	20.47	27.41	24.49	10.33	19.63	11.19	8.42	6.65	6.15
17	8.69	17.64	14.71	19.63	20.05	81.07	10.90	18.82	10.90	7.37	6.68	5.57
18	8.69	17.64	25.62	19.63	16.13	42.09	11.48	15.41	10.61	6.68	6.68	5.14
19	8.42	14.71	24.95	16.50	15.05	27.41	10.90	12.71	9.55	6.88	7.63	5.97
20	8.42	14.02	15.22	17.25	14.36	23.10	10.61	11.19	9.26	7.13	10.05	6.42
21	7.63	14.02	16.87	16.95	12.40	20.47	10.05	10.50	9.26	7.13	7.37	6.42
22	7.37	110.07	15.77	35.14	108.26	171.33	9.78	10.61	9.55	7.13	6.68	6.65
23	7.37	67.86	14.71	27.41	646.29	177.50	9.55	10.33	8.97	7.13	6.88	6.68
24	7.63	37.42	13.36	24.49	155.69	129.88	143.14	10.05	8.15	6.68	6.88	6.42
25	8.15	28.43	12.09	21.32	85.63	67.71	166.24	9.78	7.88	6.65	6.65	11.15
26	7.88	22.65	12.40	19.22	45.84	41.17	136.12	9.55	7.88	6.65	6.65	8.57
27	7.88	18.42	41.58	18.02	35.03	32.18	117.76	9.26	7.88	6.65	6.65	7.63
28	7.63	16.87	29.15	18.02	156.34	25.53	469.56	8.97	7.37	6.88	6.65	7.63
29	7.63		20.89	16.29	122.26	21.76	162.34	8.69	7.13	6.42	7.13	7.68
30	8.15		18.02	16.79	217.94	20.05	112.54	8.42	6.88	6.19	6.68	7.63
31	23.35		16.87		81.65		79.60	8.15		6.42		7.63
MEAN	14.183	24.621	17.356	29.265	70.093	58.539	60.280	16.578	9.188	6.646	7.094	6.737
INCHES	0.275	0.432	0.338	0.550	1.360	1.107	1.170	0.222	0.173	0.129	0.133	0.131
STA AV	0.080	0.092	0.245	0.332	0.394	0.406	0.127	0.181	0.210	0.188	0.140	0.081

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.0006260. To convert discharge in inches to AC-FT, multiply by 3,168. STA AV based on 14 yr (1962-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASBA, OKLAHOMA WATERSHED 511 NEAR TALLEE												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF MAY 22 - 28, 1975												
5-22	RG 000068 0.40	0.005	5-22	FG 000068 1745	0.0	0.0	5-22	1753	10.610	0.0		
				1749	1.5000	0.10		1806	13.650	0.0001		
				1753	0.4500	0.13		1930	24.020	0.0008		
				1755	0.3000	0.16		1948	39.270	0.0010		
				1802	1.0000	0.21		2018	71.120	0.0017		
WATERSHED CONDITIONS: From a revised 1974 survey; sowed crop - 23%; row crop - 3%; alfalfa - 5%; pasture and range - 62%; and miscel- laneous - 9%.												
				1805	2.6000	0.35		2048	123.550	0.0030		
				1806	4.2010	0.42		2106	151.020	0.0042		
				1810	1.2000	0.50		2118	272.865	0.0054		
				1814	2.2500	0.65		2130	353.750	0.0071		
				1818	0.6000	0.65		2148	477.610	0.0103		
				1820	0.6000	0.71		2206	556.110	0.0145		
				1826	0.4000	0.75		2223	656.770	0.0153		
				1833	0.0857	0.76		2236	784.138	0.0235		
				1842	0.1333	0.78		2248	866.638	0.0278		
				1856	0.1286	0.81		2306	1001.040	0.0351		
				1904	0.1500	0.83		2318	1092.948	0.0406		
				1908	0.1500	0.84		2336	1197.320	0.0495		
				1913	0.1200	0.85		2400	1297.570	0.0625		
				1914	0.6000	0.86	5-23	36	1375.260	0.0835		
				1917	0.0	0.86		53	1387.938	0.0937		
				1929	0.2500	0.91		106	1350.479	0.1015		
				2050	0.4444	1.51		118	1390.479	0.1068		
				2117	0.1778	1.59		136	1380.320	0.1196		
				2129	0.1500	1.62		248	1310.000	0.1617		
				2140	0.1636	1.65		418	1240.979	0.2116		
				2152	0.1500	1.68		518	1167.688	0.2433		
				2220	0.1714	1.76		600	1121.060	0.2644		
				2232	0.2000	1.80		648	1005.570	0.2866		
				2242	0.1800	1.83		736	858.938	0.3065		
				2308	0.1846	1.91		818	798.698	0.3220		

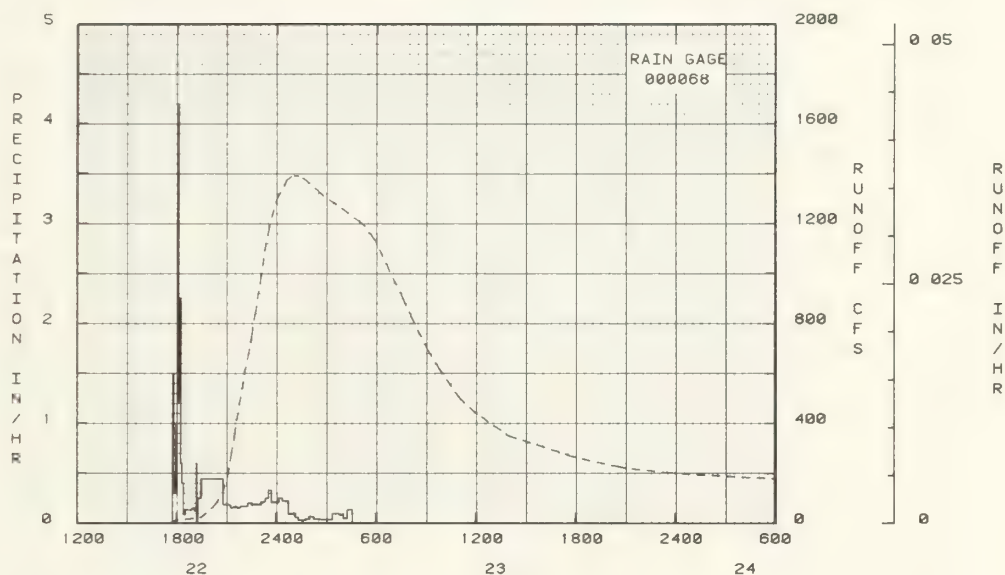
NOTES: To convert runoff in CFS to IN/BB, multiply by 0.00002608.

1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 511 REAR TABLE						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
EVENT OF MAY 22 - 28, 1975 (CONTINUED)									
5-22			2322		0.2143	1.96	5-23	906	652.800
			2334		0.2500	2.01		1000	557.990
			2345		0.3273	2.07		1100	502.870
5-23			11		0.2077	2.16		1200	440.860
			23		0.2500	2.21		1400	349.060
			45		0.2182	2.29		1800	262.858
			59		0.0857	2.31		2100	219.880
			111		0.1000	2.33		2400	199.250
			122		0.0545	2.34	5-24	600	176.720
			144		0.0273	2.35		1100	161.610
			159		0.0400	2.36		1600	140.460
			217		0.0667	2.38		2400	111.430
			249		0.0375	2.40	5-25	1100	51.470
			308		0.0316	2.41		1700	71.120
			324		0.0375	2.42		2400	59.240
			349		0.0960	2.46	5-26	1200	45.840
			404		0.0800	2.48		2400	40.435
			417		0.0462	2.45	5-27	1200	35.030
			435		0.1333	2.53		2400	29.470
5-27			2320		0.0	2.53			0.6702
			2323		0.2000	2.54			
			2329		0.3000	2.57			
			2342		0.0462	2.58			
			2349		0.0857	2.55			
			2356		0.0	2.59			
5-28			17		0.0857	2.62			
			25		0.0750	2.63			
			34		0.0667	2.64			
			39		0.1200	2.65			
			44		0.1200	2.66			
			52		0.3000	2.70			
			55		0.6000	2.74			
			102		0.2571	2.77			
			122		0.1800	2.83			
			129		0.1714	2.85			
			137		0.2250	2.88			
			159		0.1636	2.94			
			214		0.2000	2.99			
			229		0.2000	3.04			
			256		0.2444	3.15			
			309		0.1385	3.18			
			323		0.1286	3.21			
			342		0.0632	3.23			
			353		0.0545	3.24			
			407		0.0	3.24			
			429		0.0273	3.25			
			437		0.0	3.25			
			443		0.0	3.25			
			449		0.1000	3.26			
			543		0.0	3.26			
			613		0.0400	3.28			
			628		0.0400	3.29			
			640		0.0	3.29			
			703		0.0783	3.32			
			714		0.0	3.32			
			727		0.0462	3.33			
			743		0.0375	3.34			
			748		0.1200	3.35			
			759		0.1636	3.38			
			805		0.3000	3.41			
			811		0.2000	3.43			
			818		0.1714	3.45			
			828		0.1200	3.47			
			846		0.1667	3.52			
			855		0.1333	3.54			
			904		0.1333	3.56			
			923		0.0947	3.59			
			932		0.1333	3.61			
			941		0.0667	3.62			
			956		0.1200	3.65			
			1005		0.0667	3.66			
			1017		0.0	3.66			
			1038		0.0571	3.68			
			1049		0.0545	3.69			
			1104		0.0	3.69			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00002608.

1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 511 NEAR TABLE							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MAY 22 - 28, 1975 (CONTINUED)										
5-28	1110	0.1000	3.70							

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00002608.



EVENT OF MAY 22 - 28, 1975  
CHICKASHA, OKLAHOMA WATERSHED 511 NEAR TABLE

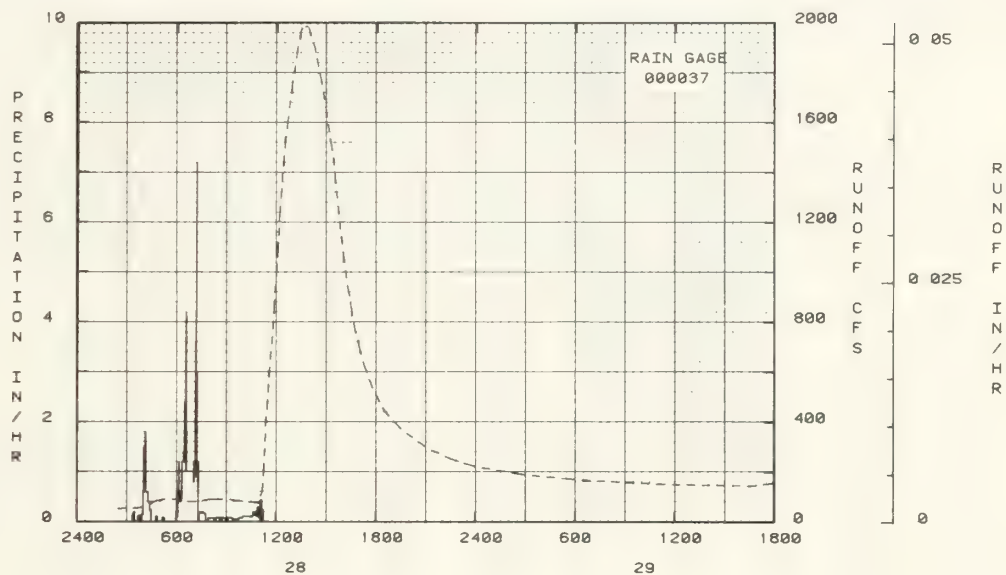


1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 511 REAR TABLE							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JULY 28 - 31, 1975										
RG 000037			EG 000037							
7-28	0.0	0.004	7-28	322	0.0	0.0	7-28	230	53.760	0.0
				326	0.1500	0.01		330	56.060	0.0014
				329	0.2000	0.02		400	60.040	0.0022
				342	0.0	0.02		448	55.340	0.0037
				351	0.1333	0.04		518	51.470	0.0049
WATERSHED CONDITIONS: From a revised 1974 survey; sowed crop - 23%; row crop 3%; alfalfa - 3%; pasture and range - 62%; and miscel- laneous - 9%.				355	0.0	0.04		548	51.470	0.0060
				359	0.1500	0.05		648	51.400	0.0083
				401	0.6000	0.07		711	51.400	0.0091
				403	1.5000	0.12		800	52.520	0.0110
				407	1.0500	0.15		848	52.520	0.0129
				408	1.6000	0.22		930	86.350	0.0145
				411	0.6000	0.25		1100	75.650	0.0177
				417	0.6000	0.31		1111	126.070	0.0182
				420	0.4000	0.33		1118	234.320	0.0187
				423	0.4000	0.35		1123	352.128	0.0194
				428	0.2400	0.37		1130	492.270	0.0207
				447	0.0	0.37		1136	591.510	0.0222
				452	0.1200	0.38		1141	682.858	0.0235
				510	0.0	0.38		1148	773.769	0.0258
				517	0.0857	0.39		1153	850.239	0.0276
				537	0.0	0.39		1200	1001.040	0.0305
				559	0.0	0.39		1206	1116.378	0.0332
				605	0.1000	0.40		1211	1236.100	0.0356
				609	0.6000	0.44		1218	1334.956	0.0397
				610	1.2000	0.46		1223	1436.490	0.0427
				613	0.6000	0.49		1230	1514.350	0.0472
				616	0.4000	0.51		1241	1625.750	0.0547
				620	0.4500	0.54		1253	1737.250	0.0635
				626	1.2000	0.66		1311	1873.870	0.0776
				629	1.4000	0.73		1323	1962.178	0.0876
				630	2.4000	0.77		1330	1976.560	0.0936
				632	2.4000	0.85		1341	1982.320	0.1031
				634	1.2000	0.89		1348	1982.320	0.1091
				635	4.2000	0.96		1353	1973.678	0.1134
				637	1.8000	1.02		1418	1662.350	0.1343
				701	1.0000	1.42		1441	1748.270	0.1525
				704	0.8000	1.46		1500	1620.418	0.1664
				705	1.2000	1.48		1518	1485.638	0.1786
				708	1.2000	1.54		1530	1362.860	0.1860
				709	3.6000	1.60		1541	1260.570	0.1924
				710	2.4000	1.64		1553	1139.975	0.1986
				711	7.2000	1.76		1606	1035.168	0.2048
				713	0.9000	1.79		1618	934.010	0.2099
				714	3.0000	1.84		1630	853.628	0.2146
				717	1.0000	1.89		1641	784.158	0.2185
				719	0.6000	1.91		1700	658.760	0.2246
				720	1.2000	1.93		1718	624.570	0.2298
				723	0.0	1.93		1748	535.320	0.2373
				739	0.1675	1.98		1830	446.886	0.2463
				746	0.1714	2.00		1930	372.916	0.2570
				755	0.0	2.00		2100	259.850	0.2702
				811	0.0750	2.02		2230	253.160	0.2810
				819	0.0750	2.03		2400	221.660	0.2903
				824	0.0	2.03	7-29	300	189.400	0.3064
				838	0.0857	2.05		600	170.580	0.3204
				846	0.0	2.05		1100	152.930	0.3415
				852	0.1000	2.06		1630	145.920	0.3630
				901	0.0667	2.07		1800	158.690	0.3689
				908	0.0	2.07		1811	160.140	0.3657
				915	0.0857	2.08		1848	160.140	0.3723
				923	0.0750	2.09		1930	154.360	0.3751
				947	0.0500	2.11		2100	143.170	0.3810
				1001	0.0857	2.13		2400	136.440	0.3919
				1011	0.1200	2.15	7-30	300	133.860	0.4025
				1028	0.1059	2.18		900	112.600	0.4218
				1034	0.1000	2.19		1630	103.380	0.4429
				1039	0.1200	2.20		2400	55.700	0.4624
				1048	0.2000	2.23	7-31	600	86.350	0.4766
				1053	0.1200	2.24		1200	78.510	0.4895
				1057	0.3000	2.26		2100	70.230	0.5070

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00002608.

1975			CHICKASHA, OKLAHOMA WATERSHED 511 NEAR TABLEE							
SELECTED RUNOFF EVENT										
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JULY 28 - 31, 1975 (CONTINUED)										
7-28				1104	0.0857	2.27	7-31	2400	63.330	0.5122
				1106	0.0	2.27				
				1110	0.4500	2.30				
				1115	0.2400	2.32				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00002608.



EVENT OF JULY 28 - 31, 1975  
CHICKASHA, OKLAHOMA WATERSHED 511 NEAR TABLEE

## CHICKASHA, OKLAHOMA WATERSHED 110 NEAR ANADARKO

LOCATION: Tonkawa Creek Watershed above county road East-Northeast of Anadarko, in Caddo County, Okla.; tributary to Washita River: Red River Basin. GAGING STATION--NE 1/4 sec. 18, T. 7 N., R. 5 W., lat. 35 deg. 05 min. N., long. 98 deg. 11 min. W., 2-1/2 miles East of Anadarko, Okla., on upstream side of section line road bridge.

AREA: 25020.00 acres 39.10 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										CHICKASHA, OKLAHOMA WATERSHED 110 NEAR ANADARKO							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	2.35	1.99	1.98	1.39	8.26	3.95	6.76	1.99	2.15	0.91	1.49	1.01	34.27			
	Q	0.130	0.199	0.150	0.088	0.392	0.250	0.223	0.168	0.032	0.018	0.062	0.072	1.785			
STA AV	P	0.85	1.11	1.86	2.66	4.10	2.88	2.19	2.70	3.88	2.29	1.79	0.90	27.24			
	Q	0.014	0.027	0.043	0.037	0.087	0.040	0.017	0.014	0.002	0.001	0.020	0.016	0.319			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-25	0.002	7-26	0.003	7-26	0.006	7-26	0.017	7-26	0.034	7-25	0.054	7-25	0.066	7-25	0.209
MAXIMUMS FOR PERIOD OF RECORD																	
		5-11	0.004	5-11	0.004	5-11	0.007	5-11	0.021	5-11	0.038	5-6	0.070	5-6	0.127	5-4	0.278
		1964		1964		1964		1964		1964		1969		1969		1969	

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 28%; row crop - 6%; alfalfa - 6%; pasture and range - 34%; and miscellaneous - 26%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1962, USDA Misc. Pub. 1070, p. 69.10-4 (Topography) and 1965, USDA Misc. Pub. 1216, p. 69.7-21 (Composite). Precipitation data obtained from a Thiessen weighted average of 10 gages on the watershed. Precipitation records began Oct. 1961; runoff records began April 1963. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975		DAILY PRECIPITATION (inches)					CHICKASEA, OKLAHOMA			WATERSHED 110 NEAR ANADARKO			
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.14	0.17	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.08	0.0	0.0	
2	0.96	0.32	0.0	0.0	1.53	0.0	0.0	0.88	0.0	0.0	0.25	0.0	
3	0.0	0.37	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.01	0.0	
4	0.0	0.06	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.08	0.0	0.0	0.0	0.0 T	0.0	0.0	0.01	0.0	0.13	0.0	
6	0.0	0.0	0.0	0.01	0.0	0.46	0.0	0.0	0.0	0.0	0.02	0.0	
7	0.0	0.0	0.0	0.73	0.0	0.0 T	0.02	0.0	0.0	0.0	0.0	0.0	
8	0.07	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.37	0.0	0.0	0.01	0.38	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.67	0.23	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.17	0.0	0.07	0.0	0.03	0.0	0.80	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.37	0.0	0.0	0.0	
13	0.0	0.0	0.01	0.31	1.24	0.0	0.01	0.11	0.65	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	1.12	0.0	0.0	0.47	0.16	0.28	0.0	0.0	
15	0.0	0.03	0.27	0.0	0.0	0.0	0.0	0.28	0.01	0.55	0.0	0.0	
16	0.0	0.43	0.02	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.14	0.08	0.0	0.0	0.0	0.05	0.02	0.0	0.0	0.0	
18	0.0	0.0	0.28	0.02	0.22	0.0	0.22	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.23	0.0	0.13	0.0	0.0	0.0	0.54	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.41	0.0	0.0	0.13	0.0	0.0	0.0	
22	0.0	0.53	0.0	0.0	2.03	0.59	0.0	0.0	0.0	0.0	0.0	0.04	
23	0.0	0.0	0.0	0.0	0.06	0.13	0.0	0.0	0.0	0.0	0.0	0.07	
24	0.0 T	0.0	0.0	0.0	0.0	1.02	4.10	0.0	0.0	0.0	0.0	0.58	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.10	
26	0.0	0.0	0.05	0.0	0.0	0.0	0.94	0.19	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.49	0.24	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.17	0.0	0.63	0.0	0.25	0.0	0.0	0.0	0.0	0.13	
29	0.0	0.01	0.0	0.0	0.97	0.0	0.35	0.0	0.0	0.0	0.14	0.09	
30	1.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	2.39	1.99	1.98	1.39	8.26	3.55	6.76	1.99	2.15	0.91	1.49	1.01	
STA AV	0.89	1.11	1.86	2.66	4.10	2.88	2.19	2.70	3.88	2.29	1.79	0.90	

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are a Thiessen weighted average of 10 rain gages on the watershed. STA AV based on 15 yr (1961-75) record period.

1975	MEAN DAILY DISCHARGE (cfs)					CHICKASAW, OKLAHOMA			WATERSHED 110 NEAR ADA, OK			
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.230	9.800	4.960	4.230	1.620	16.180	7.780	13.423	1.140	0.620	1.250	2.600
2	4.960	9.570	4.410	3.890	2.282	12.480	6.520	12.220	0.920	0.620	1.500	2.600
3	7.780	9.800	4.590	3.890	17.167	10.040	5.330	14.550	0.720	0.530	1.500	2.600
4	9.800	11.570	4.770	3.890	29.024	8.430	4.590	20.190	0.620	0.440	1.500	2.600
5	8.210	12.990	5.150	3.380	18.925	6.930	3.720	15.050	0.440	0.360	1.750	2.600
6	7.350	10.510	4.960	2.750	12.950	6.110	3.060	11.730	0.360	0.360	1.620	2.600
7	6.520	8.880	4.560	2.750	9.340	6.110	2.450	9.340	0.290	0.440	1.750	2.600
8	5.920	8.210	5.330	3.220	7.350	6.110	2.300	7.780	0.220	0.360	1.620	2.450
9	5.330	7.780	5.330	4.230	6.110	5.920	2.160	6.320	0.160	0.360	1.750	2.450
10	4.960	7.140	5.720	3.890	4.590	6.720	2.160	5.530	0.100	0.290	1.500	2.450
11	4.590	6.930	5.920	3.550	3.720	7.550	2.160	4.770	0.220	0.290	1.500	2.450
12	4.230	6.520	5.530	3.060	2.900	8.430	2.160	4.230	0.440	0.290	1.500	2.450
13	3.890	6.110	5.530	3.060	3.420	7.990	2.160	3.380	0.720	0.290	1.500	2.450
14	3.550	5.530	5.530	3.890	8.377	7.140	2.160	3.380	1.370	0.220	1.500	2.300
15	3.380	5.530	5.330	3.890	30.403	6.110	2.160	3.890	1.890	0.360	1.500	2.300
16	3.380	5.720	5.330	3.890	22.717	5.530	2.160	3.550	2.160	0.360	1.500	2.160
17	3.550	6.110	5.530	3.550	13.760	4.560	2.020	3.720	2.300	0.530	1.500	2.160
18	3.380	6.520	5.530	3.550	9.800	4.590	1.620	3.380	2.300	0.810	1.620	2.160
19	2.900	6.520	6.110	3.380	7.990	4.230	1.250	3.220	2.020	0.920	2.300	2.300
20	3.060	6.520	6.320	3.060	6.930	3.890	0.920	3.060	1.890	1.030	2.750	2.300
21	3.060	5.920	5.920	2.750	6.320	3.550	0.720	2.500	1.890	1.030	3.720	2.300
22	3.060	5.920	5.330	2.600	6.520	4.230	0.530	2.750	1.750	1.030	3.890	2.160
23	2.900	6.720	4.770	2.450	16.837	3.380	0.360	2.600	1.500	1.030	3.890	2.160
24	2.900	7.560	4.410	2.300	33.876	10.270	2.614	2.450	1.370	1.030	3.220	2.450
25	2.900	6.720	4.060	2.020	25.845	13.760	31.725	2.300	1.370	0.810	3.220	2.600
26	3.060	6.110	3.890	1.890	17.860	23.860	36.370	2.020	1.250	0.810	3.060	2.600
27	3.060	5.920	4.230	1.890	13.760	21.050	14.820	1.890	1.140	0.810	2.900	2.750
28	2.900	5.530	4.590	2.020	12.220	15.630	12.730	1.750	1.030	0.810	2.900	2.750
29	2.750		4.770	2.020	13.240	11.730	23.795	1.750	1.030	0.720	2.750	2.750
30	3.220		4.770	1.750	24.259	9.570	32.635	1.620	0.720	0.720	2.600	2.450
31	5.720		4.590		22.265		19.556	1.370		0.810		2.450
MEAN	4.403	7.466	5.102	3.050	13.304	8.765	7.571	5.682	1.111	0.616	2.169	2.452
INCHES	0.130	0.199	0.150	0.088	0.392	0.250	0.223	0.168	0.032	0.018	0.062	0.072
STA AV	0.014	0.027	0.043	0.037	0.087	0.040	0.017	0.014	0.002	0.001	0.020	0.016

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by .0005513. To convert discharge in inches to AC-FT, multiply by 2.085. STA AV based on 13 yr (1963-75) record period.

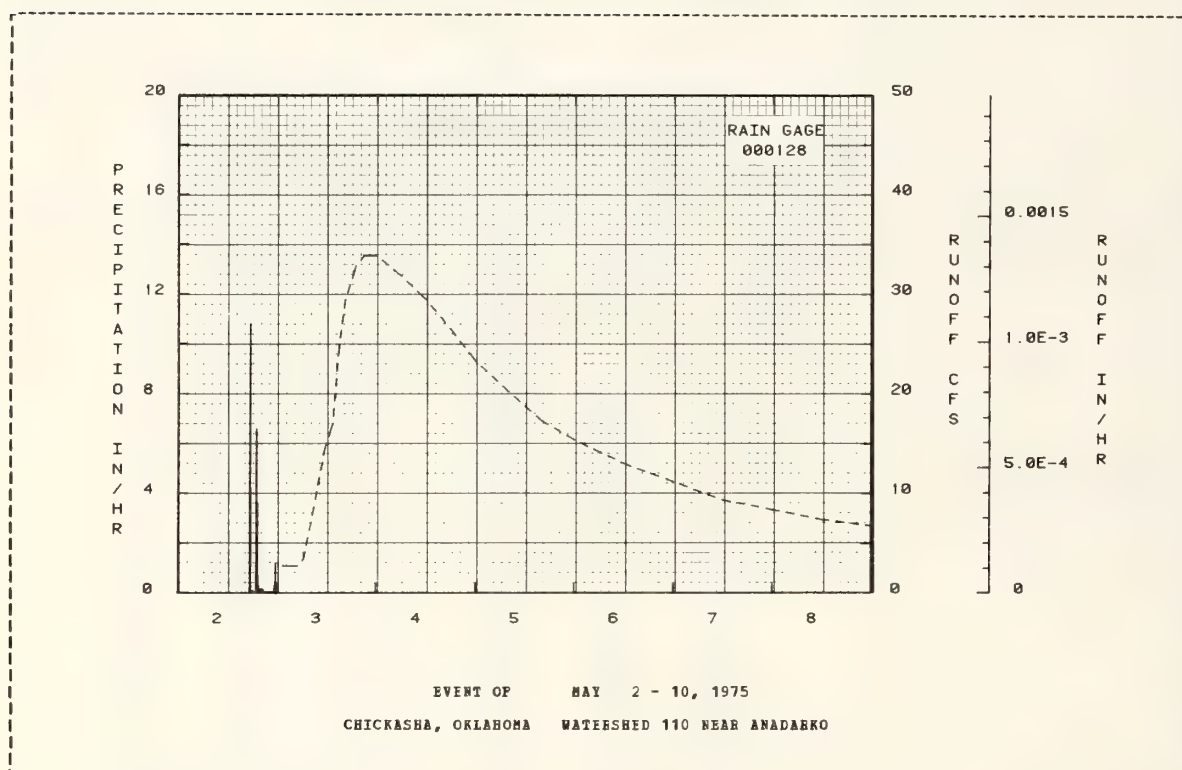
1975	SELECTED RUNOFF EVENT				CHICKASAW, OKLAHOMA			WATERSHED 110 NEAR ADA, OK			
ANTECEDENT CONDITIONS			FAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF MAY 2 - 10, 1975											
RG 000128			BG 000128								
5- 2	0.0		5- 2	1730	0.0	0.0	5- 3	130	2.750	0.0	
5- 3		0.000		1731	10.8026	0.16		500	2.750	0.0004	
				1732	4.2010	0.25		630	3.350	0.0006	
				1733	1.2000	0.27		900	6.670	0.0012	
				1735	2.7000	0.36		1130	14.310	0.0023	
WATERSHED CONDITIONS:				1737	0.3000	0.37		1330	17.050	0.0035	
From a revised survey;				1744	0.0657	0.38		1500	24.870	0.0048	
sowed crop - 28%; row crop -				1803	0.0	0.36		1630	29.420	0.0064	
6%; alfalfa - 6%; pasture				1810	0.0657	0.35		1900	32.830	0.0095	
and range - 34%; and miscel-				1832	0.0273	0.40		2100	33.870	0.0121	
laneous - 26%.				1844	0.0500	0.41		2400	33.860	0.0161	
				1853	0.0667	0.42	5- 4	600	31.770	0.0239	
				1902	0.0667	0.43		1200	29.380	0.0312	
				1904	2.4000	0.51		1800	26.400	0.0378	
				1905	6.6016	0.62		2400	23.230	0.0437	
				1908	2.6000	0.75	5- 5	800	20.190	0.0506	
				1910	3.0000	0.85		1600	17.290	0.0566	
				1911	3.6000	0.91		2400	15.360	0.0617	
				1913	3.6000	1.03	5- 6	1200	12.950	0.0685	
				1915	1.8000	1.09		2400	11.165	0.0742	
				1917	1.5000	1.14	5- 7	1200	9.340	0.0791	
				1923	0.7000	1.21		2400	8.345	0.0833	
				1927	0.3000	1.23	5- 8	1200	7.350	0.0870	
				1929	0.3000	1.24		2400	6.730	0.0904	
				1933	0.1500	1.25	5- 9	1200	6.110	0.0934	
				1945	0.0500	1.26		2400	5.350	0.0962	
				1952	0.0	1.26	5-10	1200	4.550	0.0985	
				2000	0.0750	1.27		2400	4.155	0.1006	
				2021	0.1714	1.33					
				2034	0.1585	1.36					

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00035638.



1975 SELECTED FURCFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 110 NEAR ANADARKO								
ANTECEDENT CCNDITICNS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF MAY 2 - 10, 1975 (CONTINUED)											
5- 2			2044		0.1200	1.38					
			2101		0.0353	1.35					
			2128		0.0	1.35					
			2141		0.0462	1.40					
			2329		0.0444	1.48					
			2331		0.3000	1.45					
			2341		0.0	1.45					
			2342		1.2000	1.51					

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00005638.



## CHICKASHA, OKLAHOMA WATERSHED 522 NEAR MINNEKAH

LOCATION: Little Washita River Watershed above U.S. highway 81 bridge South of Chickasha in Grady and Caddo Counties, Okla.; tributary to Washita River; Red River Basin. GAGING STATION--SE1/4 sec. 32, T. 6 N., E. 7 W., lat. 34 deg. 57 min. N., long. 97 deg. 57 min. W., 5-1/2 miles South of Chickasha, Okla., at U.S. highway 81 bridge.

AREA: 132990.00 acres 207.80 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED 522 NEAR MINNEKAH									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual									
1975	P	2.03	2.35	1.79	1.49	10.10	3.92	7.53	0.91	2.94	1.19	0.96	1.13	36.74									
	Q	0.212	0.272	0.240	0.218	1.085	0.502	0.953	0.266	0.219	0.158	0.148	0.158	4.437									
STA AV	P	1.13	1.19	2.03	2.80	4.30	3.11	2.96	2.38	4.46	2.78	1.86	0.92	29.98									
	Q	0.102	0.104	0.172	0.186	0.305	0.265	0.240	0.085	0.132	0.143	0.129	0.059	1.964									
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																							
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days							
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.						
1975		7-29	0.033	7-29	0.033	7-29	0.065	7-29	0.174	5-22	0.278	5-22	0.368	5-22	0.433	7-24	0.617						
MAXIMUMS FOR PERIOD OF RECORD																							
		5-10	0.056	5-10	0.055	5-10	0.108	7-23	0.261	7-23	0.438	7-22	0.525	7-22	0.595	7-24	0.617						
		1964		1964		1964		1973		1973		1973		1973		1975							

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 15%; row crop - 2%; alfalfa - 1%; pasture and range - 66%; and miscellaneous - 16%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1963, USDA Misc. Pub. 1164; p. 69.15-4 (Topography) and 1965, USDA Misc. Pub. 1216, p. 69.7-21 (Composite). Precipitation data obtained from a Thiessen weighted average of 36 gages on the watershed. Precipitation records began Oct. 1961; runoff records began April 1963. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975	DAILY PRECIPITATION (inches)					CHICKASEA, OKLAHOMA				WATERSHED 522 NEAR MINNEKAH			
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.15	0.18	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.16	0.0	0.0	
2	0.89	0.32	0.0	0.0	0.51	0.0	0.0	0.35	0.0	0.0	0.20	0.0	
3	0.0	0.36	0.0	0.0	0.0 T	0.0	0.01	0.0	0.0	0.0	0.0 T	0.0	
4	0.0	0.05	0.0	0.0	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.18	0.0	0.02	0.0 T	
6	0.0	0.0	0.0	0.06	0.0	0.56	0.0	0.0	0.0	0.0	0.01	0.0	
7	0.0	0.0	0.0	0.65	0.0	0.09	0.07	0.0	0.0	0.0	0.0	0.0	
8	0.08	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.26	0.0	0.0	0.22	0.11	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0 T	0.49	0.44	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.16	0.0	0.18	0.0	0.01	0.0	1.30	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.21	0.0	0.0	0.0	
13	0.0	0.0	0.01	0.40	0.80	0.0	0.03	0.01	0.85	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	1.25	0.02	0.0	0.13	0.15	0.20	0.0	0.0 T	
15	0.0	0.08	0.27	0.0	0.0	0.0	0.0	0.31	0.05	0.83	0.0	0.0	
16	0.0	0.46	0.02	0.0	0.0	0.41	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.07	0.01	0.0	0.0	0.0	0.0 T	0.0 T	0.0	0.0	0.0	
18	0.0	0.0	0.18	0.01	0.02	0.0	0.11	0.0	0.01	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.59	0.0	0.15	0.0	0.0	0.0	0.66	0.0	
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.45	0.0	0.0	0.15	0.0	0.0	0.0	
22	0.0	0.83	0.0	0.0 T	3.22	0.60	0.0	0.0	0.0	0.0	0.0	0.04	
23	0.0	0.0	0.0	0.0	0.36	0.52	0.0	0.0	0.0	0.0	0.0	0.04	
24	0.05	0.0	0.0	0.0	0.0	0.35	3.82	0.0	0.0	0.0	0.0	0.61	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.84	0.0	0.0	0.0	0.0	0.18	
26	0.0	0.0	0.10	0.0	0.0	0.0	0.63	0.02	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.50	0.36	0.10	0.0	0.0 T	0.03	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.21	0.0	1.64	0.0	0.01	0.0	0.0	0.0	0.0	0.17	
29	0.0	0.0	0.01	0.0 T	0.91	0.0	1.66	0.0	0.0	0.0	0.07	0.05	
30	0.67	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.19		0.0		0.0		0.0	0.0		0.0		0.0	
TOTAL	2.03	2.35	1.79	1.49	10.10	3.92	7.53	0.91	2.94	1.19	0.56	1.13	
STA AV	1.13	1.19	2.03	2.80	4.30	3.11	2.98	2.38	4.46	2.78	1.88	0.52	

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are a Thiessen weighted average of 36 rain gages on the watershed. STA AV based on 15 yr (1961-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED 522 NEAR MINNEKAH												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	38.1	60.1	25.4	41.8	32.1	92.2	33.3	144.2	24.3	38.1	15.1	27.6
2	157.2	57.4	28.7	41.8	86.0	86.1	35.3	157.7	19.1	36.9	19.1	26.5
3	104.7	78.6	35.3	39.3	180.3	67.1	28.7	142.2	24.3	38.1	26.5	25.4
4	50.7	95.3	31.0	35.7	52.0	56.0	26.5	80.1	25.4	39.3	25.4	22.2
5	39.3	65.7	29.8	35.7	40.5	53.3	27.6	60.1	32.3	38.1	22.2	19.1
6	32.1	64.3	31.0	39.3	38.1	48.1	27.6	57.4	27.6	36.9	28.7	23.3
7	29.8	54.7	34.5	52.8	34.5	98.5	35.7	49.4	27.6	35.7	25.4	21.2
8	29.8	56.0	35.7	137.5	29.8	64.3	34.5	43.0	27.6	35.7	25.4	21.2
9	28.7	52.0	39.3	40.5	29.8	75.6	35.7	41.8	27.6	35.3	23.3	20.1
10	26.5	44.3	52.0	36.5	26.5	102.2	45.5	43.0	27.6	32.1	28.7	19.1
11	26.5	40.5	53.3	41.8	27.6	74.2	50.7	38.1	29.2	31.0	28.7	19.1
12	24.3	40.5	53.3	38.1	28.7	45.5	36.5	35.7	82.0	26.7	28.7	20.1
13	21.2	38.1	52.0	53.3	33.3	39.3	31.0	35.7	63.3	26.7	27.6	18.1
14	29.8	41.8	45.5	50.7	398.9	34.5	32.1	35.3	92.2	26.7	27.6	17.1
15	27.6	45.5	45.5	33.3	144.5	38.1	31.0	52.0	68.5	45.9	26.5	22.2
16	25.4	61.5	52.0	34.5	52.0	43.0	29.8	45.5	60.1	25.4	26.5	22.2
17	25.4	58.7	46.8	33.3	38.1	58.7	28.7	39.3	53.3	22.2	25.4	22.2
18	27.6	57.4	52.0	31.0	34.5	48.1	27.6	34.5	45.5	20.1	23.3	22.2
19	31.0	52.0	45.5	31.0	35.7	41.8	33.3	33.3	45.5	20.1	25.4	25.4
20	27.6	44.3	40.5	31.0	78.7	40.5	36.5	29.8	45.5	20.1	35.3	28.7
21	28.7	36.9	36.9	29.8	31.0	38.1	27.6	28.7	45.5	19.1	34.5	26.5
22	28.7	157.2	38.1	28.7	319.4	305.5	26.5	26.5	43.0	19.1	28.7	29.8
23	27.6	71.0	35.7	35.7	1867.3	170.8	26.5	24.3	38.1	20.1	28.7	28.7
24	29.8	40.5	34.5	34.5	295.9	174.4	958.0	24.3	38.1	22.2	26.7	36.9
25	33.3	28.7	32.1	32.1	148.1	542.1	613.7	24.3	36.9	24.3	31.0	49.4
26	32.1	26.5	36.9	31.0	93.7	160.1	485.4	26.5	38.1	26.5	34.5	49.4
27	29.8	26.5	74.3	33.3	75.7	77.3	267.1	26.5	35.7	26.5	34.5	41.8
28	31.0	23.3	64.3	44.3	879.7	50.7	110.6	26.5	33.3	23.3	31.0	40.5
29	28.7		65.7	36.9	496.8	45.0	1219.3	26.5	34.5	23.3	25.4	49.4
30	29.8		53.3	33.3	324.9	36.9	669.0	25.4	34.5	22.2	29.8	45.5
31	83.4		44.3		128.4		256.7	26.5		23.3		41.8
MEAN	38.27	54.26	43.33	40.63	156.20	93.46	171.84	48.01	40.88	28.55	27.65	28.47
INCHES	0.212	0.272	0.240	0.218	1.089	0.502	0.953	0.266	0.219	0.158	0.148	0.158
STA AV	0.102	0.104	0.172	0.186	0.305	0.265	0.240	0.085	0.132	0.143	0.129	0.055

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.0001790. To convert discharge in inches to AC-FT, multiply by 11,083. STA AV based on 13 yr (1963-75) record period.

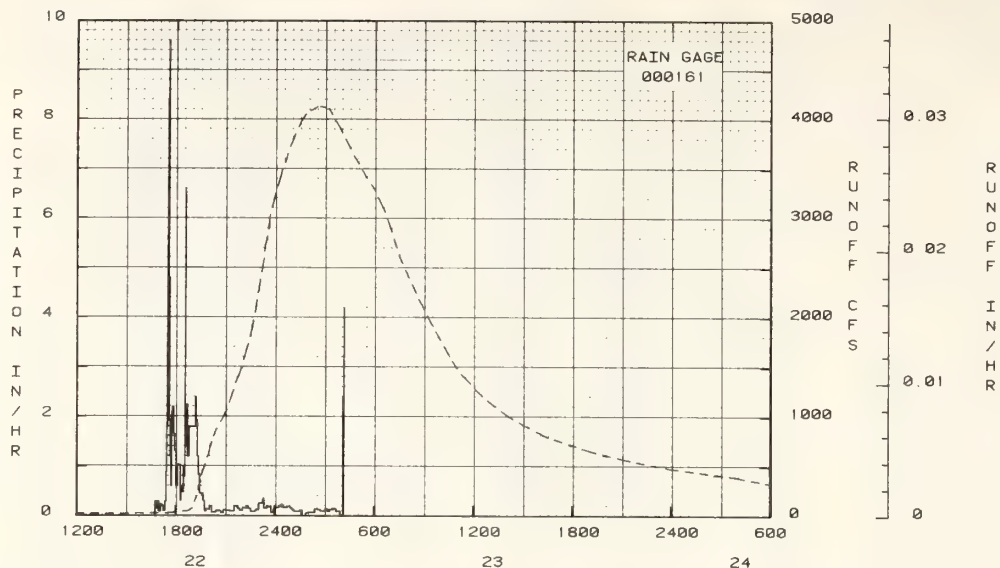
1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED 522 NEAR MINNEKAH												
ANTECEDENT CONDITIONS				FAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF MAY 22 - 27, 1975												
RG 000161 EG 000161												
5-22	0.0	0.002	5-22	1647	0.0	0.0	5-22	830	24.300	0.0		
				1651	0.3000	0.02		1730	29.900	0.0018		
				1655	0.1500	0.03		1800	40.700	0.0019		
				1659	0.3000	0.05		1848	56.300	0.0022		
				1706	0.0857	0.06		1900	80.800	0.0023		
WATERSHED CONDITIONS: From a revised 1974 survey; sowed crop - 15%; row crop - 2%; alfalfa - 1%; pasture and range - 66%; miscel- laneous - 16%.												
				1711	0.2400	0.08		1911	147.500	0.0025		
				1717	0.2000	0.10		1918	202.300	0.0026		
				1723	0.1000	0.11		1923	262.500	0.0026		
				1725	0.3000	0.12		1930	353.600	0.0031		
				1726	0.6000	0.13		1936	425.858	0.0033		
				1728	0.9000	0.16		1948	523.398	0.0041		
				1729	1.8000	0.15		2000	630.299	0.0045		
				1730	4.1572	0.26		2011	746.100	0.0059		
				1731	8.4021	0.40		2018	806.100	0.0065		
				1732	3.0000	0.45		2030	888.298	0.0078		
				1733	9.6023	0.61		2048	972.559	0.0099		
				1735	2.1000	0.68		2106	1076.100	0.0122		
				1736	4.8012	0.76		2118	1177.100	0.0138		
				1741	1.9200	0.92		2130	1273.255	0.0157		
				1744	1.2000	0.98		2141	1376.500	0.0175		
				1746	0.6000	1.00		2200	1504.198	0.0209		
				1750	2.1000	1.14		2211	1615.459	0.0230		
				1753	2.2000	1.25		2223	1738.458	0.0255		
				1757	1.6500	1.36		2236	1881.800	0.0284		
				1802	1.3200	1.47		2241	1976.658	0.0296		
				1804	0.6000	1.49		2248	2062.858	0.0314		
				1807	0.6000	1.52		2253	2178.858	0.0327		
				1811	1.0500	1.59		2300	2292.599	0.0347		
				1818	1.0286	1.71		2306	2383.259	0.0364		
				1820	0.3000	1.72		2311	2473.658	0.0379		

NOTES: To convert runoff in CFS to IN/BB, multiply by 0.00007457.

1975 SELECTED RUNCFF EVENT			CHICKASAW, CLARKSBURG WATERSHED 522 NEAR MINNEAPOLIS							
ANTECEDENT CONDITIONS			RAINFALL			RUNCFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MAY 22 - 27, 1975 (CONTINUED)										
5-22	1823	0.6000	1.75	5-22	2318	2593.759	0.0401			
	1828	0.4800	1.75		2323	2725.759	0.0416			
	1831	1.0000	1.84		2330	2818.258	0.0442			
	1834	0.8000	1.86		2336	2915.158	0.0463			
	1835	6.6016	1.55		2341	3037.658	0.0482			
	1837	2.1000	2.06		2348	3121.658	0.0508			
	1840	1.9000	2.13		2400	3258.759	0.0556			
	1844	2.2500	2.28	5-23	11	3364.055	0.0601			
	1848	1.2000	2.36		23	3459.658	0.0653			
	1912	1.6000	3.08		36	3565.198	0.0710			
1914	2.4000	3.16		53	3735.658	0.0787				
1919	1.9200	3.32		111	3855.595	0.0872				
1923	1.2000	3.40		130	3978.459	0.0965				
1928	0.8400	3.47		148	4055.599	0.1054				
1940	0.4500	3.56		206	4052.259	0.1146				
1946	0.3000	3.59		230	4133.984	0.1268				
1952	0.1000	3.60		241	4126.651	0.1325				
2005	0.1385	3.63		300	4121.753	0.1422				
2011	0.2000	3.65		311	4104.691	0.1478				
2020	0.0667	3.66		323	4045.559	0.1535				
2028	0.0750	3.67		400	3865.259	0.1721				
2045	0.1059	3.70		430	3656.555	0.1862				
2055	0.0600	3.71		500	3551.000	0.1957				
2104	0.1333	3.73		530	3404.158	0.2127				
2120	0.1125	3.76		600	3277.358	0.2251				
2127	0.0857	3.77		618	3164.858	0.2324				
2134	0.0857	3.78		636	3062.158	0.2393				
2146	0.2000	3.82		653	2933.158	0.2457				
2154	0.1500	3.84		711	2775.759	0.2520				
2205	0.1091	3.86		730	2610.158	0.2584				
2219	0.1714	3.90		753	2466.158	0.2657				
2225	0.2000	3.92		818	2318.158	0.2731				
2233	0.1500	3.94		841	2179.858	0.2755				
2253	0.0900	3.97		900	2081.998	0.2846				
2302	0.1333	3.99		930	1922.559	0.2920				
2309	0.2571	4.02		1000	1772.658	0.2989				
2318	0.2667	4.06		1030	1622.799	0.3052				
2323	0.3600	4.05		1100	1486.658	0.3110				
2331	0.1500	4.11		1130	1388.559	0.3164				
2347	0.1875	4.16		1211	1265.100	0.3232				
5-23	2356	0.0667	4.17		1300	1147.059	0.3305			
	4	0.1500	4.19		1400	1014.800	0.3386			
	17	0.1846	4.23		1500	918.059	0.3458			
	23	0.2000	4.25		1630	793.500	0.3554			
	28	0.2400	4.27		1900	657.698	0.3685			
	46	0.1667	4.32		2130	555.858	0.3802			
	55	0.2000	4.35		2400	478.000	0.3898			
	102	0.1714	4.37	5-24	400	369.500	0.4028			
	111	0.1333	4.39		900	325.300	0.4161			
	131	0.0900	4.42		1200	278.600	0.4229			
141	0.1200	4.44		1600	232.100	0.4305				
153	0.0	4.44		2000	205.000	0.4370				
203	0.0600	4.45		2400	184.300	0.4428				
225	0.0818	4.48	5-25	300	171.400	0.4468				
237	0.1500	4.51		800	155.300	0.4529				
246	0.1333	4.53		1600	143.000	0.4618				
304	0.1000	4.56		2100	120.900	0.4667				
312	0.1500	4.56		2400	112.800	0.4693				
319	0.0857	4.59	5-26	1200	53.700	0.4786				
328	0.1333	4.61		2400	84.700	0.4865				
344	0.1500	4.65	5-27	1200	75.700	0.4937				
351	0.0857	4.66		2400	75.700	0.5005				
358	0.0857	4.67								
404	0.0	4.67								
407	0.0	4.67								
409	0.0	4.67								
410	2.4000	4.71								
411	4.2000	4.78								

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000007457.





EVENT OF MAY 22 - 27, 1975  
CHICKASHA, OKLAHOMA WATERSHED 522 NEAR MINNEKAH

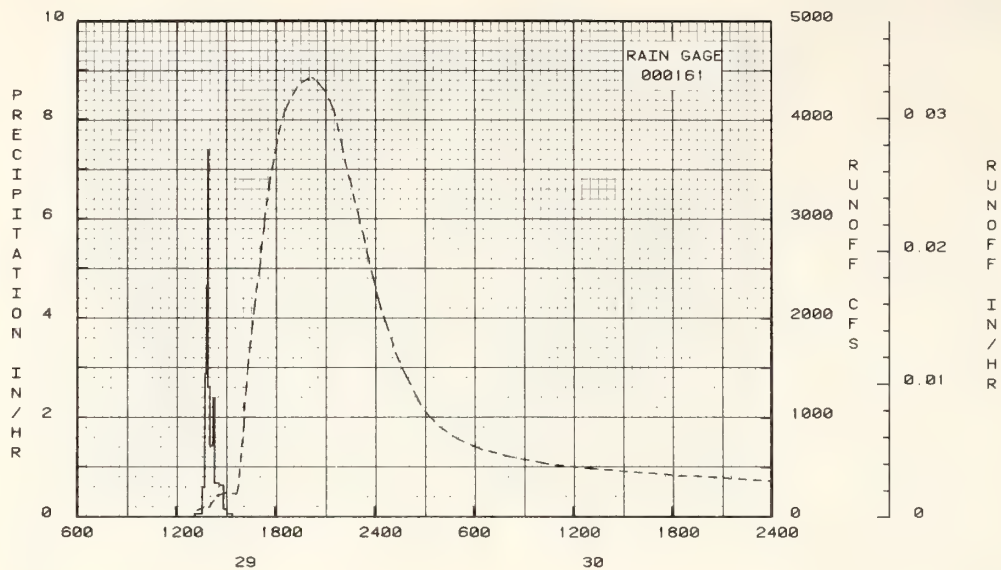
1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 522 NEAR MINNEKAH						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF JULY 29 - AUGUST 1, 1975									
7-29	RG 000161	0.008	7-29	EG 000161			7-29	1318	69.900
	0.0			1310	0.0	0.0		1341	57.300
				1336	0.0692	0.03		1400	58.100
				1344	0.6000	0.11		1418	166.800
				1349	2.8000	0.35		1430	217.300
				1353	4.6500	0.66		1500	242.600
				1356	7.4000	1.03		1541	230.100
				1402	2.6000	1.25		1548	329.000
				1415	1.4508	1.60		1553	484.100
				1421	2.4000	1.84		1600	709.958
				1436	0.6000	2.01		1606	516.656
				1453	0.6353	2.15		1611	1152.198
				1505	0.1500	2.22		1618	1355.658
				1525	0.0600	2.24		1623	1580.959
								1630	1767.259
								1636	1851.600
								1641	2044.858
								1648	2166.959
								1653	2353.000
								1700	2457.959
								1706	2563.398
								1711	2767.555
								1718	2914.959
								1723	3060.000
								1730	3205.799
								1736	3307.398
								1741	3421.099
								1748	3517.158
								1800	3708.158
								1811	3870.858

WATERSHED CONDITIONS:  
From a revised 1974 survey;  
sowed crop - 15%; row crop  
2%; alfalfa - 1%; pasture  
and range - 66%; miscel-  
laneous - 16%.

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000007454.

1975			SELECTED RUNOFF EVENT			CHICKASAW, OKLAHOMA			WATERSHED 52, NEAR HILBEEK		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 29 - AUGUST 1, 1975 (CONTINUED)											
7-29	1830	4072.358									
	1848	4161.484									
	1918	4331.984									
	1936	4374.484									
	2000	4420.086									
	2011	4418.586									
	2018	4403.883									
	2030	4374.586									
	2100	4275.785									
	2118	4167.383									
	2136	4031.698									
	2148	3875.255									
	2200	3735.856									
	2211	3580.255									
	2223	3433.455									
	2236	3316.300									
	2248	3155.055									
	2300	3020.959									
	2318	2826.455									
	2330	2670.658									
7-30	2341	2544.759									
	2353	2408.758									
	2400	2326.158									
	11	2207.058									
	23	2083.059									
	41	1942.258									
	100	1753.555									
	118	1637.658									
	130	1553.856									
	148	1445.658									
7-31	211	1328.958									
	230	1215.658									
	248	1124.658									
	318	1008.559									
	400	858.058									
	500	786.598									
	630	678.100									
	800	611.598									
	1030	531.600									
	1330	480.800									
8-1	1800	424.158									
	2400	360.358									
	300	318.800									
	600	287.100									
8-1	1200	214.600									
	2400	182.500									
	1200	141.300									
	2200	111.200									
8-1	2300	131.300									
	2400	139.600									

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000007454.



EVENT OF JULY 29 - AUGUST 1, 1975  
CHICKASHA, OKLAHOMA WATERSHED 522 NEAR MINNEKAH

## CHICKASAW, OKLAHOMA WATERSHED 512 AT TABLE

LOCATION: East Bitter Creek Watershed above U.S. Highway 62 bridge at Tabler, in Grady County, Okla.; tributary to Washita River; Red River Basin. GAGING STATION--SW1/4 sec. 27, T. 7 N., R. 6 W., lat. 35 deg. 05 min. N., long 97 deg. 50 min. W., at Tabler, Okla., at U.S. highway 62 bridge.

AREA: 22530.00 acres 35.20 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						CHICKASAW, OKLAHOMA WATERSHED 512 AT TABLE											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.96	2.29	2.00	2.37	6.22	5.11	4.54	1.16	2.21	1.04	1.11	1.05	33.50			
	Q	0.301	0.392	0.417	0.470	1.552	1.408	0.679	0.257	0.173	0.167	0.176	0.194	6.189			
STA AV	P	0.95	1.31	1.92	2.87	4.13	3.36	2.42	3.14	4.14	2.76	2.02	1.07	30.13			
	Q	0.144	0.150	0.280	0.359	0.575	0.501	0.145	0.163	0.209	0.216	0.216	0.139	3.117			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time		Interval		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-22	0.117	5-22	0.112	5-22	0.207	5-22	0.445	5-22	0.663	5-22	0.806	5-22	0.915	5-22	1.253
MAXIMUMS FOR PERIOD OF RECORD																	
		5-24	0.203	5-24	0.200	5-24	0.392	5-24	0.888	5-24	1.013	5-24	1.090	5-24	1.147	5-31	2.221
		1973		1973		1973		1973		1973		1973		1973		1973	

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 7%; alfalfa - 2%; pasture and range - 83%; miscellaneous - 8%. For maps of watershed, see hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.16-8 (Topography) and p. 69.7-21 (Composite). Precipitation records began Oct. 1961; runoff records began Aug. 1963. STA AV (P) values are a Thiessen weighted average of 10 gages for 1961-66, 31 gages for 1967-74, and 27 gages for 1975. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975		DAILY PRECIPITATION (inches)					CHICKASAW, OKLAHOMA WATERSHED 512 AT TABLE							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.11	0.24	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.14	0.0	0.0		
2	0.88	0.34	0.0	0.0	0.65	0.0	0.0	0.19	0.0	0.0	0.20	0.0		
3	0.0	0.25	0.0	0.0	0.01	0.0	0.34	0.0	0.0	0.0	0.01	0.0		
4	0.0	0.08	0.0	0.0	0.0 T	0.0	0.04	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.49	0.0	0.23	0.06		
6	0.0	0.0	0.0	0.0 T	0.0	0.74	0.0	0.0	0.0	0.0	0.08	0.0		
7	0.0	0.0	0.0	0.78	0.0	0.07	0.66	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.0	0.0	0.35	0.0	0.0	0.18	0.03	0.0	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0 T	1.22	0.56	0.0	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.15	0.0	0.13	0.0	0.0 T	0.0	0.53	0.0	0.0	0.0		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0		
13	0.0	0.0	0.0	0.41	1.07	0.0	0.0	0.0	0.45	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.43	0.24	0.15	0.0	0.0		
15	0.0	0.09	0.13	0.0	0.0	0.0	0.0	0.10	0.03	0.75	0.0	0.0		
16	0.0	0.50	0.0 T	0.0	0.0	0.34	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.10	0.02	0.0	0.48	0.0	0.23	0.02	0.0	0.0	0.0		
18	0.0	0.0	0.30	0.02	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.38	0.0	0.03	0.0	0.0	0.0	0.54	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.0	0.11	0.0	0.0	0.0		
22	0.0	0.72	0.0	0.01	3.38	0.66	0.0	0.0	0.0	0.0	0.0	0.04		
23	0.0	0.0	0.0	0.0	0.55	0.99	0.0	0.0	0.0	0.0	0.0	0.08		
24	0.03	0.0	0.0	0.0	0.0	0.0 T	1.92	0.0	0.0	0.0	0.0	0.59		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.18		
26	0.0	0.0	0.15	0.0	0.0	0.0	0.81	0.01	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.64	0.41	0.10	0.0	0.01	0.20	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.18	0.0	0.58	0.0	0.44	0.0	0.0	0.0	0.0	0.07		
29	0.0	0.0	0.0	0.72	0.57	0.0	0.02	0.0	0.0	0.0	0.05	0.07		
30	0.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.12		0.0		0.0		0.0	0.0		0.0		0.0		
TOTAL	1.96	2.29	2.00	2.37	6.22	5.11	4.94	1.16	2.21	1.04	1.11	1.09		
STA AV	0.99	1.31	1.92	2.87	4.13	3.36	2.42	3.14	4.14	2.76	2.02	1.07		

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. STA AV values are a Thiessen weighted average of 10 gages for 1961-66, 31 gages for 1967-75, and 27 gages for 1975. STA AV based on 15 yr for total period of record (1961-75).



1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED 512 AT TABELLE												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	6.72	12.15	10.11	14.42	10.60	29.28	16.61	12.69	4.87	4.87	5.18	5.18
2	47.80	12.45	9.64	13.83	14.37	27.45	15.65	13.25	4.58	4.87	5.84	7.49
3	19.76	18.88	9.41	13.25	34.04	25.26	22.54	14.42	4.25	4.87	5.84	7.65
4	10.85	28.84	9.64	13.25	11.62	23.59	26.33	10.60	4.29	4.87	5.84	7.89
5	9.41	15.65	9.64	12.97	10.11	22.78	15.70	10.11	5.96	4.73	6.18	6.31
6	8.10	11.88	5.41	12.97	9.64	22.38	12.15	8.56	6.35	4.73	6.36	6.01
7	7.89	10.60	9.41	21.85	5.64	44.20	53.37	8.52	4.73	4.73	6.36	5.18
8	8.10	11.10	8.56	38.46	8.10	31.08	29.21	8.10	4.58	4.58	6.01	5.18
9	7.69	10.60	10.11	15.96	8.10	32.64	15.33	7.89	4.43	4.58	5.84	5.34
10	7.69	10.11	12.69	14.12	7.69	240.51	36.45	7.69	4.58	4.58	5.64	5.34
11	7.29	10.60	11.36	12.97	8.74	50.01	19.10	6.91	4.43	4.43	5.34	5.34
12	7.10	9.64	11.88	12.42	8.10	33.68	13.25	6.18	7.29	4.43	5.34	5.34
13	7.10	9.64	10.85	15.65	17.52	27.45	11.36	6.18	6.36	4.29	5.34	5.34
14	6.72	9.64	10.11	15.65	37.78	24.83	10.60	11.77	8.74	4.29	5.34	5.50
15	7.10	9.88	10.11	11.88	14.12	22.38	9.88	8.56	7.49	9.28	5.34	5.16
16	6.91	12.97	10.60	10.85	10.11	21.60	9.64	7.89	6.72	6.18	5.34	5.03
17	6.72	13.54	10.60	10.60	8.74	65.52	9.41	10.49	6.54	5.67	5.34	5.03
18	6.72	12.15	14.72	10.85	7.89	28.34	9.18	8.31	6.18	5.18	5.34	4.56
19	7.10	10.35	12.97	9.64	8.10	21.60	9.18	6.91	5.34	5.18	5.34	5.34
20	6.54	10.35	13.83	9.18	10.35	20.09	9.64	6.18	5.03	5.18	5.34	5.34
21	6.18	10.35	13.83	9.18	7.89	19.36	9.18	6.01	5.34	5.18	5.34	5.18
22	6.36	34.50	13.25	9.64	348.30	54.05	8.31	5.84	5.67	5.34	5.34	5.34
23	6.18	18.10	13.25	10.60	449.35	244.34	7.85	5.67	5.34	5.34	5.34	5.34
24	6.54	12.97	12.69	10.85	90.29	61.39	31.56	5.34	5.03	5.18	5.18	6.72
25	6.72	12.42	12.15	10.11	53.31	32.17	37.70	5.18	4.87	4.87	5.18	6.31
26	6.72	11.10	12.42	10.11	32.67	26.12	44.97	5.03	4.87	5.03	5.84	6.91
27	6.72	10.60	35.07	10.60	25.69	23.18	49.65	5.84	4.87	5.18	5.50	6.18
28	6.72	10.35	19.72	11.62	69.36	20.84	43.88	6.72	4.87	5.34	5.34	5.84
29	6.54	16.61	14.26	14.26	60.53	19.00	23.83	5.84	4.87	5.18	5.67	6.18
30	6.88	15.33	57.39	47.01	17.55	16.94	5.18	4.87	5.18	5.18	5.50	6.18
31	16.50	14.72		25.75		13.83	5.03			5.18		6.01
MEAN	9.205	13.264	12.745	14.837	47.403	44.435	20.719	7.861	5.446	5.113	5.564	5.930
INCHES	0.301	0.392	0.417	0.470	1.552	1.408	0.675	0.257	0.173	0.167	0.176	0.194
STA AV	0.144	0.150	0.280	0.359	0.575	0.501	0.145	0.183	0.209	0.216	0.216	0.139

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.001056. To convert discharge in inches to AC-FT, multiply by 1,878. STA AV based on 13 yr (1963-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED 512 AT TABELLE												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF MAY 22 - 26, 1975												
5-22	0.0	0.001	5-22	1737	0.0	0.0	5-22	330	7.100	0.0		
				1738	1.2000	0.02		1400	7.100	0.0033		
				1739	1.8000	0.05		1436	7.890	0.0035		
				1740	5.4013	0.14		1741	7.890	0.0045		
				1741	7.7948	0.27		1800	8.520	0.0047		
WATERSHED CONDITIONS:				1743	9.3023	0.58		1818	14.120	0.0048		
From a revised 1974 survey;				1744	3.6000	0.64		1836	21.220	0.0050		
sowed crop - 7%; alfalfa -				1746	5.6988	0.63		1848	43.050	0.0053		
2%; pasture and range - 83%;				1747	3.6000	0.85		1900	64.940	0.0058		
and miscellaneous - 8%.				1748	1.8000	0.52		1906	53.650	0.0061		
				1749	3.5576	0.58		1911	150.640	0.0066		
				1752	1.0000	1.03		1918	225.570	0.0076		
				1753	0.6000	1.04		1923	331.120	0.0086		
				1755	1.2000	1.08		1930	424.510	0.0105		
				1756	4.1972	1.15		1936	532.958	0.0126		
				1757	2.4000	1.15		1941	657.368	0.0148		
				1759	3.0000	1.25		1948	761.708	0.0185		
				1801	2.7000	1.38		1953	888.780	0.0215		
				1802	4.2010	1.45		2000	984.678	0.0263		
				1804	3.0000	1.55		2011	1128.990	0.0346		
				1805	1.2000	1.57		2030	1341.769	0.0520		
				1806	3.6000	1.63		2048	1582.265	0.0714		
				1808	3.6000	1.75		2100	1801.167	0.0862		
				1811	1.0000	1.80		2111	2037.358	0.1017		
				1816	0.6000	1.85		2118	2226.058	0.1127		
				1823	0.7714	1.94		2130	2479.769	0.1334		
				1826	0.6000	1.97		2141	2558.608	0.1539		
				1831	0.1200	1.98		2153	2655.698	0.1770		
				1839	0.0750	1.99		2200	2655.698	0.1907		
				1844	0.1200	2.00		2206	2634.208	0.2023		

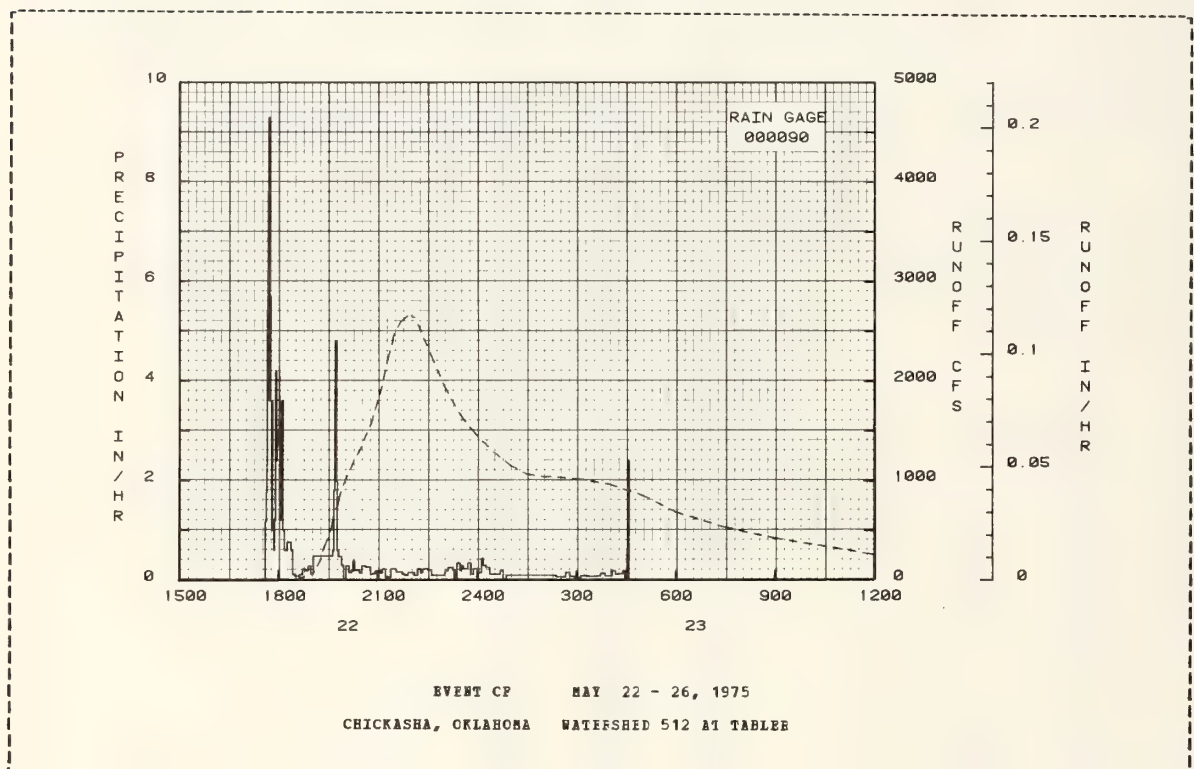
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00004402.

1975	SELECTED SUNCPP EVENT			CHICKASAW, OKLAHOMA WATERSHED 512 AT TABLE							
ANTECEDENT CONDITIONS			FAINFALL			SUNCPP					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF MAY 22 - 26, 1975 (CONTINUED)											
5-22	1849	0.2400	2.02	5-22	2218	2493.577	0.2245				
	1855	0.2000	2.04	2236	2252.028	0.2562					
	1859	0.3000	2.06	2300	1946.738	0.2932					
	1904	0.1200	2.07	2330	1651.547	0.3328					
	1939	0.4571	2.36	2400	1444.058	0.3668					
	1941	0.6000	2.38	5-23	30	1265.340	0.3965				
	1943	1.6000	2.44	100	1150.560	0.4237					
	1944	4.8012	2.52	130	1065.668	0.4461					
	1947	2.0000	2.62	200	1040.975	0.4712					
	1948	0.6000	2.63	300	1020.648	0.5166					
	1950	0.6000	2.65	400	965.020	0.5603					
	1955	0.4800	2.69	500	852.250	0.6003					
	1959	0.3000	2.71	600	684.250	0.6341					
	2003	0.0	2.71	730	532.958	0.6745					
	2009	0.3000	2.74	900	422.060	0.7058					
	2013	0.1500	2.75	1100	314.166	0.7382					
	2016	0.2000	2.76	1230	253.670	0.7570					
	2019	0.4000	2.78	1500	194.850	0.7817					
	2028	0.2000	2.81	1730	162.740	0.8014					
	2032	0.1500	2.82	2000	141.630	0.8181					
	2038	0.3000	2.85	2400	124.650	0.8415					
	2047	0.2667	2.85	5-24	600	103.740	0.8717				
	2052	0.1200	2.50	1200	85.190	0.8967					
	2056	0.1500	2.51	1800	75.480	0.9179					
	2105	0.2000	2.54	2400	68.880	0.9369					
	2109	0.1500	2.95	5-25	230	67.250	0.9444				
	2114	0.2400	2.57	730	56.750	0.9581					
	2124	0.0600	2.58	1500	50.630	0.9758					
	2129	0.2400	3.00	2030	41.900	0.9870					
	2134	0.2400	3.02	2400	39.040	0.9932					
	2145	0.1636	3.05	5-26	1200	32.670	1.0122				
	2150	0.1200	3.06	2400	25.180	1.0285					
	2156	0.1000	3.07								
	2207	0.1636	3.10								
	2213	0.1000	3.11								
	2218	0.2400	3.13								
	2222	0.1500	3.14								
	2232	0.2400	3.18								
	2238	0.2000	3.20								
	2244	0.1000	3.21								
	2256	0.1000	3.23								
	2302	0.1000	3.24								
	2308	0.2000	3.26								
	2317	0.2667	3.30								
	2320	0.2000	3.31								
	2324	0.0	3.31								
	2329	0.3600	3.34								
	2332	0.2000	3.35								
	2336	0.3000	3.37								
	2344	0.2250	3.40								
5-23	2349	0.3600	3.43								
	2354	0.1200	3.44								
	11	0.2400	3.48								
	8	0.1500	3.49								
	12	0.4500	3.52								
	16	0.3000	3.54								
	23	0.2571	3.57								
	28	0.1200	3.58								
	42	0.1286	3.61								
	48	0.2000	3.63								
	53	0.0	3.63								
	218	0.1129	3.75								
	224	0.1000	3.80								
	241	0.0706	3.82								
	248	0.1714	3.84								
	256	0.0750	3.85								
	308	0.0500	3.86								
	314	0.1000	3.87								
	321	0.0657	3.88								
	337	0.0750	3.90								
	344	0.0857	3.91								
	352	0.1500	3.93								
	405	0.0923	3.95								
	411	0.2000	3.97								
	416	0.1200	3.98								

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00004402.

1975			SELECTED RUNOFF EVENT								CHICKASHA, OKLAHOMA WATERSHED 512 AT TABLE			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF							
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.				
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)				
EVENT OF MAY 22 - 26, 1975 (CONTINUED)														
5-23			425		0.1333	4.00								
			428		0.2000	4.01								
			432		0.0	4.01								
			433		0.6000	4.02								
			434		1.2000	4.04								
			435		2.4000	4.08								

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00004402.



## CHICKASHA, OKLAHOMA WATERSHED 621 NEAR TABLE

LOCATION: Winter Creek Watershed above county farm to market road bridge North of Alex in Grady County, Okla., tributary to Washita River; Red River Basin. GAGING STATION--NE 1/4 sec. 18, T. 6 N., R. 5 W., lat. 35 deg. 00 min., long. 97 deg. 46 min., 5 miles North and 1 mile East of Alex, Okla., about 1,000 feet downstream from County section line farm to market road bridge over Winter Creek.

AREA: 21310.00 acres 33.30 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						CHICKASHA, OKLAHOMA WATERSHED 621 NEAR TABLE							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1975 P	1.92	1.86	1.81	2.39	5.33	4.42	3.40	1.02	1.94	0.78	1.32	1.52	31.71
Q	0.366	0.387	0.338	0.277	2.493	1.048	0.350	0.208	0.122	0.133	0.185	0.219	6.148
STA AV P	1.14	1.25	1.71	2.85	4.43	3.05	2.30	2.76	4.32	2.75	2.04	1.15	29.73
Q	0.151	0.192	0.247	0.300	0.743	0.391	0.146	0.133	0.284	0.265	0.313	0.208	3.413

ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS													
Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days	
Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975 5-22	0.167	5-22	0.182	5-22	0.340	5-22	0.642	5-22	0.870	5-22	1.059	5-22	1.412
MAXIMUMS FOR PERIOD OF RECORD													
1964 5-10	0.207	1973 5-24	0.188	1975 5-22	0.340	1975 5-22	0.642	1975 5-22	0.870	1975 5-22	1.059	1975 5-22	1.412
		1973		1975		1975		1975		1975		1975	

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 5%; row crop - 1%; alfalfa - 1%; pasture and range - 82% and miscellaneous - 7%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.17-8 (Topography) and p. 69.7-21 (Composite). Precipitation data obtained from a Thiessen weighted average of 5 gages on the watershed. Precipitation records began Oct. 1961; runoff records began Oct. 1963. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975	DAILY PRECIPITATION (inches)					CHICKASEA, OKLAHOMA WATERSHED 621 NEAR TABLE							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.06	0.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	
2	0.76	0.28	0.0	0.0	0.90	0.0	0.0	0.53	0.0	0.0	0.17	0.0	
3	0.0	0.30	0.0	0.0	0.0 T	0.0	0.16	0.0	0.0	0.0	0.01	0.0	
4	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.19	0.0	0.15	0.45	
6	0.0	0.0	0.0	0.01	0.0	0.62	0.0	0.0	0.0	0.0	0.07	0.0	
7	0.0	0.0	0.0	0.62	0.0	0.14	0.08	0.0	0.0	0.0	0.0	0.0	
8	0.0 T	0.0	0.0	0.0	0.0	0.52	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.37	0.0	0.0	0.68	0.03	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.65	0.42	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.12	0.0	0.05	0.0	0.0	0.0	0.50	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.28	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.35	1.14	0.0	0.0	0.0	0.51	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.46	0.0	0.0	0.22	0.19	0.10	0.0	0.01	
15	0.0	0.07	0.15	0.0	0.0	0.0	0.0	0.05	0.09	0.61	0.0	0.0	
16	0.0	0.41	0.03	0.0	0.0	0.41	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.03	0.01	0.0	0.24	0.0	0.14	0.04	0.0	0.0	0.0	
18	0.0	0.0	0.23	0.02	0.0 T	0.0	0.04	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.56	0.0	0.11	0.0	0.0	0.0	0.76	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.14	0.0	0.0	0.0	
22	0.0	0.54	0.0	0.03	3.52	0.70	0.0	0.0	0.0	0.0	0.0	0.06	
23	0.0	0.0	0.0	0.0	0.72	0.85	0.0	0.0	0.0	0.0	0.0	0.07	
24	0.04	0.0	0.0	0.0	0.0	0.0	1.47	0.0	0.0	0.0	0.0	0.55	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.21	
26	0.0	0.0	0.17	0.0	0.0	0.0	0.57	0.01	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.53	0.35	0.27	0.0	0.0 T	0.07	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.18	0.0	0.76	0.0	0.26	0.0	0.0	0.0	0.0	0.10	
29	0.0	0.0 T	1.00	0.52	0.0	0.15	0.0	0.0	0.0	0.0	0.16	0.07	
30	0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.92	1.86	1.81	2.39	5.33	4.42	3.40	1.02	1.94	0.78	1.32	1.52	
STA AV	1.14	1.25	1.71	2.85	4.43	3.05	2.30	2.76	4.32	2.75	2.04	1.15	

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are a Thiessen weighted average of 9 rain gages on the watershed. STA AV based on 15 yr (1961-75) record period.



1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED 621 NEAR TAFELER												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	7.59	14.40	10.00	7.59	22.54	38.08	12.45	9.05	2.36	3.41	4.32	5.36
2	20.05	14.40	10.00	7.32	38.08	34.79	11.71	17.57	2.10	3.41	5.14	5.81
3	12.45	16.98	10.00	7.06	36.53	28.81	11.71	14.81	2.78	3.41	5.36	5.81
4	11.01	19.34	10.00	7.06	22.96	25.78	12.45	12.45	2.78	3.09	5.36	5.82
5	10.33	15.66	9.68	7.06	16.98	23.50	11.36	10.66	2.93	2.53	5.58	5.36
6	10.33	14.81	9.68	7.06	14.40	22.56	10.66	9.36	3.09	2.53	6.05	7.06
7	12.82	13.99	9.68	9.30	12.08	28.81	10.00	7.59	2.49	3.41	5.82	6.29
8	13.21	13.21	9.68	11.43	10.00	36.33	10.00	6.54	2.36	3.41	5.82	6.29
9	13.21	12.45	9.68	9.05	8.75	35.50	10.00	6.05	2.36	3.41	5.58	5.82
10	13.60	12.45	9.68	8.75	7.87	133.02	13.49	5.82	2.36	3.41	5.36	5.58
11	16.09	12.08	10.00	7.32	7.87	50.25	11.01	5.36	3.25	3.41	4.93	5.58
12	15.66	11.01	10.00	7.06	7.87	41.27	9.68	4.53	5.14	3.41	4.93	5.56
13	15.66	11.01	9.36	8.45	15.74	32.05	8.75	3.58	4.52	3.41	4.52	5.56
14	15.66	10.00	8.75	7.87	42.26	25.20	7.59	4.52	5.58	3.41	4.32	5.82
15	14.40	7.32	7.59	7.87	24.06	20.33	6.80	5.14	4.53	6.54	4.32	6.05
16	11.71	9.68	8.16	7.32	17.90	17.90	5.82	4.93	4.93	5.14	4.72	5.36
17	11.01	9.05	7.59	7.06	13.60	22.56	5.58	5.82	5.14	4.72	5.36	5.36
18	10.66	9.05	10.00	6.80	11.36	18.37	5.56	5.58	4.72	4.52	5.36	5.58
19	10.33	10.33	9.36	6.54	10.67	16.53	6.54	4.72	4.13	4.32	8.16	5.36
20	8.75	12.82	9.36	6.54	20.03	15.23	6.80	4.52	3.94	4.13	7.87	5.14
21	6.54	12.82	11.36	6.29	12.82	13.59	6.29	4.13	4.13	3.94	6.29	5.14
22	6.29	15.66	15.23	6.29	525.15	22.40	6.05	3.76	4.32	3.54	6.05	5.36
23	6.54	12.45	13.99	6.80	487.43	81.64	5.82	2.93	3.76	3.54	5.58	5.36
24	7.32	11.36	7.59	6.80	234.68	39.16	12.75	2.78	3.58	4.13	5.36	7.32
25	7.32	11.36	7.59	6.80	152.21	27.57	13.60	2.64	3.58	3.41	5.14	5.36
26	7.32	11.01	11.01	6.54	103.55	22.41	17.85	3.41	3.76	3.58	5.36	8.16
27	7.32	11.01	12.45	7.06	84.00	18.85	13.60	4.93	3.58	3.76	5.14	7.59
28	7.32	10.66	10.00	7.59	91.47	16.53	14.43	3.76	3.58	4.13	5.14	7.32
29	8.16		9.05	6.54	78.68	14.81	12.45	2.93	3.76	4.13	6.05	7.59
30	12.08		8.16	33.06	53.55	13.60	12.08	2.93	3.58	4.13	6.54	7.06
31	16.98		7.87		41.93		10.00	2.45		4.13		6.80
MEAN	11.218	12.370	5.760	8.276	71.593	31.288	10.055	6.003	3.651	3.840	5.518	6.313
INCHES	0.388	0.387	0.338	0.277	2.493	1.048	0.350	0.208	0.122	0.133	0.185	0.219
STA AV	0.191	0.192	0.247	0.300	0.743	0.391	0.146	0.133	0.284	0.265	0.313	0.208

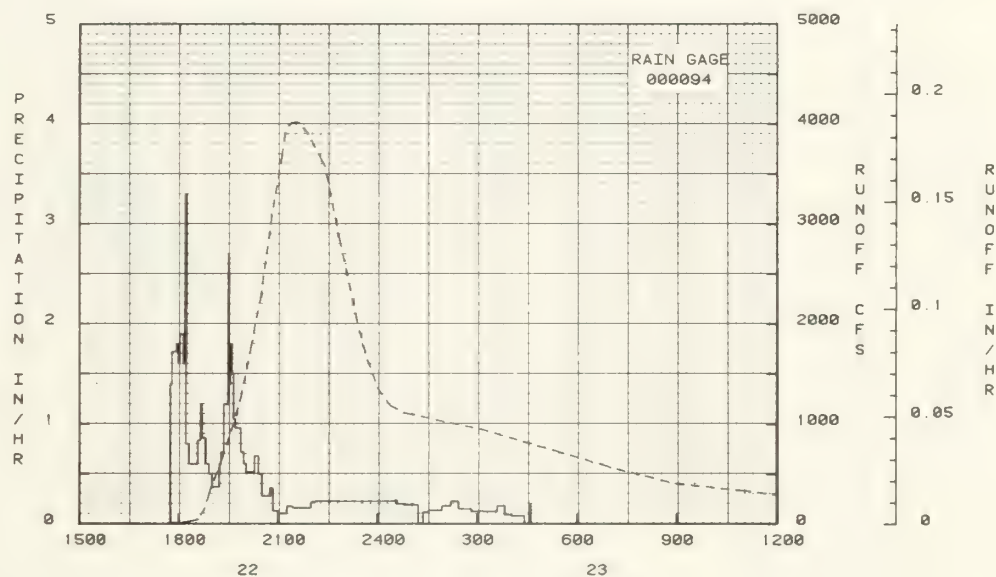
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.001117. To convert discharge in inches to AC-FT, multiply by 1,776. STA AV based on 13 yr (1963-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED 621 NEAR TAFELER												
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF MAY 22 - 24, 1975												
RG 000094			EG 000094									
5-22	0.54	0.009	5-22	1745	0.0	0.0	5-22	1741	10.660	0.0		
				1748	1.4000	0.07		1811	22.960	0.0004		
				1756	1.7250	0.30		1836	52.450	0.0011		
				1759	1.8000	0.35		1841	97.030	0.0014		
				1802	1.6000	0.47		1848	159.510	0.0021		
WATERSHED CONDITIONS:				1808	1.9000	0.66		1853	256.500	0.0029		
From a revised 1974 survey;				1811	1.6000	0.74		1900	373.500	0.0046		
sowed crop - 9%; row crop -				1813	3.3000	0.65		1911	532.760	0.0085		
1%; alfalfa - 1%; pasture				1819	0.8000	0.93		1923	722.628	0.0143		
and range - 82%; and miscel-				1822	0.6000	0.56		1936	541.229	0.0227		
laneous - 7%.				1826	0.6000	1.00		1953	1264.148	0.0373		
				1835	0.6000	1.05		2011	1768.828	0.0584		
				1840	0.8400	1.16		2030	2331.657	0.0886		
				1843	1.2000	1.22		2048	3093.318	0.1265		
				1850	0.8571	1.32		2106	3682.788	0.1738		
				1855	0.6000	1.37		2111	3915.479	0.1885		
				1901	0.5000	1.42		2123	4015.417	0.2255		
				1914	0.3692	1.50		2136	4015.417	0.2659		
				1917	0.6000	1.53		2153	3855.697	0.3181		
				1922	0.7200	1.59		2223	3570.178	0.4050		
				1929	1.2000	1.73		2253	2770.387	0.4787		
				1931	2.7000	1.82		2323	2005.488	0.5343		
				1934	1.4000	1.85		2341	1636.698	0.5597		
				1937	1.8000	1.98		2400	1355.677	0.5818		
				1939	1.5000	2.03		5-23	23	1177.070	0.6044	
				1943	1.0500	2.10		53	1102.388	0.6309		
				1953	0.9600	2.26		306	948.500	0.7367		
				1958	0.7200	2.32		523	728.668	0.8258		
				2003	0.6000	2.37		700	567.520	0.8746		
				2018	0.5200	2.50		900	404.610	0.9198		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00004654.

1975	SELECTED RUNCFF EVENT					CHICKASHA, OKLAHOMA WATERSHED 621 NEAR TABLE				
ANTECEDENT CONDITIONS			RAINFALL			RUNCFF				
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP MAY 22 - 24, 1975 (CONTINUED)										
5-22			2025		0.6857	2.58	5-23	1100	335.706	0.9542
			2031		0.5000	2.63		1500	250.250	1.0125
			2046		0.2800	2.70		1800	271.760	1.0518
			2051		0.3600	2.73		2400	261.520	1.1262
			2100		0.1333	2.75				
			2117		0.1059	2.78				
			2127		0.1800	2.81				
			2138		0.1636	2.84				
			2200		0.1636	2.90				
			2208		0.2250	2.93				
5-23			31		0.2508	3.48				
			36		0.2400	3.50				
			48		0.2000	3.54				
			113		0.1520	3.62				
			122		0.0	3.62				
			132		0.1200	3.64				
			157		0.1440	3.70				
			213		0.1675	3.75				
			226		0.2306	3.80				
			250		0.1500	3.86				
			304		0.1286	3.88				
			313		0.1333	3.91				
			337		0.1250	3.96				
			350		0.1846	4.00				
			403		0.0523	4.02				
			425		0.0818	4.05				
			434		0.0	4.05				
			437		0.2000	4.06				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0004654.



EVENT OF MAY 22 - 24, 1975  
CHICKASHA, OKLAHOMA WATERSHED 621 NEAR TABLE

## CHICKASHA, OKLAHOMA WATERSHED 513 NEAR TAELEB

LOCATION: Beddingfield Watershed is the West branch of East Bitter Creek 1.4 miles above East Bitter Creek gaging station, in Grady County, Okla.; tributary to East Bitter Creek; Washita River; Red River Basin. GAGING STATION--SE1/4 sec. 22, T. 7 N., R. 6 W., lat. 35 deg. 03 min. 53 sec. N., long. 97 deg. 49 min. 13 sec. W.

AREA: 12314.00 acres 19.24 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)						CHICKASHA, OKLAHOMA WATERSHED 513 NEAR TAELEB							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1975 P	1.98	2.41	2.05	2.06	8.23	5.43	5.86	1.21	2.28	1.12	1.21	1.08	34.92
Q	0.303	0.404	0.394	0.429	1.725	1.549	0.953	0.336	0.210	0.197	0.194	0.183	6.876
STA AV P	1.08	1.33	2.10	3.03	4.22	3.08	2.66	3.31	4.24	3.17	1.48	1.11	30.81
Q	0.158	0.160	0.339	0.439	0.612	0.607	0.185	0.211	0.248	0.256	0.156	0.147	3.561

ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS													
Maximum Discharge				Maximum Volume for Selected Time Interval									
Date	Rate	1 Hour Date	Vol.	2 Hours Date	Vol.	6 Hours Date	Vol.	12 Hours Date	Vol.	1 Day Date	Vol.	2 Days Date	Vol.
1975 5-22	0.128	5-22	0.124	5-22	0.233	5-22	0.505	5-22	0.775	5-22	0.921	5-22	1.003
MAXIMUMS FOR PERIOD OF RECORD													
1973 6-5	0.281	6-4 1973	0.272	6-4 1973	0.502	6-4 1973	0.924	6-4 1973	1.067	6-4 1973	1.178	6-4 1973	1.291
												5-30 1973	2.732

NOTES: Watershed conditions: From a revised 1971 survey; sowed crop - 4%; alfalfa - 1%; pasture and range - 90% and miscellaneous - 5%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.16-8 (Topography) and p. 69.7-21 (Composite). Precipitation data obtained from a Thiessen weighted average of 18 gages for record period (1965-74) and 15 gages for 1975. Precipitation and runoff records began Jan. 1965. For long-time precipitation records, see National Weather Service records at Chickasha, Oklahoma.

1975	DAILY PRECIPITATION (inches)					CHICKASHA, OKLAHOMA WATERSHED 513 NEAR TAELEB							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.12	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.0	0.0	
2	0.90	0.35	0.0	0.0	0.69	0.0	0.0	0.16	0.0	0.0	0.21	0.0	
3	0.0	0.29	0.0	0.0	0.01	0.0	0.47	0.0	0.0	0.0	0.01	0.0	
4	0.0	0.08	0.0	0.0	0.01	0.0	0.06	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.30	0.07	
6	0.0	0.0	0.0	0.0	0.0	0.78	0.0	0.0	0.0	0.0	0.12	0.0	
7	0.0	0.0	0.0	0.80	0.0	0.03	0.85	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.36	0.0	0.0	0.27	0.03	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	1.14	0.65	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.15	0.0	0.17	0.0	0.0	0.0	0.48	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.37	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.42	1.11	0.0	0.0	0.0	0.41	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.38	0.0	0.0	0.51	0.28	0.17	0.0	0.0	
15	0.0	0.10	0.12	0.0	0.0	0.0	0.0	0.12	0.01	0.79	0.0	0.0	
16	0.0	0.53	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.11	0.03	0.0	0.61	0.0	0.26	0.02	0.0	0.0	0.0	
18	0.0	0.0	0.31	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.31	0.0	0.02	0.0	0.0	0.0	0.54	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.11	0.0	0.0	0.0	
22	0.0	0.76	0.0	0.01	3.37	0.66	0.0	0.0	0.0	0.0	0.0	0.04	
23	0.0	0.0	0.0	0.0	0.51	1.29	0.0	0.0	0.0	0.0	0.0	0.09	
24	0.03	0.0	0.0	0.0	0.0	0.0	2.06	0.0	0.0	0.0	0.0	0.57	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.18	
26	0.0	0.0	0.17	0.0	0.0	0.0	1.04	0.01	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.64	0.39	0.07	0.0	0.01	0.15	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.19	0.0	1.02	0.0	0.53	0.0	0.0	0.0	0.0	0.06	
29	0.0	0.0	0.0	0.39	0.58	0.0	0.02	0.0	0.0	0.0	0.03	0.07	
30	0.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.98	2.41	2.05	2.06	8.23	5.43	5.86	1.21	2.28	1.12	1.21	1.08	
STA AV	1.08	1.33	2.10	3.03	4.22	3.08	2.66	3.31	4.24	3.17	1.48	1.11	

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are a Thiessen weighted average of 18 rain gages for record period (1965-74) and 15 gages for 1975. STA AV based on 11 yr (1965-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED #13 NEAR TALLEY												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.67	7.14	5.88	6.22	5.38	14.83	8.75	9.01	3.31	3.19	3.31	2.57
2	24.67	6.95	5.54	5.71	12.31	13.34	8.15	9.70	3.08	3.19	3.43	2.66
3	12.76	10.94	5.38	5.38	20.68	11.65	17.75	5.24	2.97	3.15	3.55	2.66
4	7.53	17.23	5.38	5.38	7.34	10.42	16.49	7.53	3.08	3.08	3.55	2.57
5	5.38	8.57	5.38	5.22	6.76	10.17	10.42	7.53	3.93	3.08	3.67	2.57
6	4.47	6.40	5.38	5.22	6.95	10.17	7.94	6.58	4.62	3.08	4.06	2.66
7	4.33	5.71	5.22	12.45	6.40	25.84	53.68	6.05	3.43	3.08	4.06	2.66
8	4.20	6.22	4.91	20.64	6.05	13.06	26.88	5.54	3.06	3.08	3.80	2.66
9	4.20	5.38	5.88	8.15	5.71	19.32	10.42	5.38	3.08	3.08	3.55	2.57
10	3.93	5.38	7.34	6.76	5.38	125.68	32.28	5.38	3.19	3.08	3.31	2.57
11	3.80	5.88	6.58	6.40	6.22	25.75	13.34	5.07	3.08	3.08	3.31	2.57
12	3.80	5.07	6.76	6.22	6.22	15.45	9.24	4.91	4.62	2.97	3.19	2.97
13	3.80	5.07	5.88	9.01	16.69	12.22	7.73	4.76	4.20	2.66	3.15	2.57
14	3.80	5.07	5.38	7.34	26.27	10.66	7.14	8.27	5.38	2.66	3.19	2.57
15	3.80	5.22	5.38	6.58	10.91	5.47	6.76	6.05	4.62	5.87	3.19	2.75
16	3.67	6.95	6.05	6.40	7.73	9.24	6.58	5.38	4.47	3.53	3.31	2.75
17	3.67	7.53	5.71	6.58	6.40	46.31	6.40	7.91	3.93	3.43	3.43	2.75
18	3.80	6.95	8.57	6.22	5.71	14.42	6.40	5.54	3.55	3.31	3.31	2.75
19	3.55	5.71	7.14	5.71	5.71	5.70	6.40	4.91	3.31	3.31	3.19	2.75
20	3.31	5.71	6.22	5.88	6.22	8.36	6.58	4.47	3.43	3.31	3.15	2.75
21	3.55	5.71	5.88	5.88	5.22	7.94	6.05	4.20	3.67	3.19	3.19	2.65
22	3.31	20.17	5.71	6.05	215.71	30.90	5.88	4.20	3.55	3.19	3.19	2.66
23	3.31	10.43	5.54	6.58	278.59	225.61	5.38	3.93	3.31	3.31	3.19	2.97
24	3.55	7.73	5.22	6.58	34.39	41.72	28.27	3.93	3.19	3.19	3.19	3.55
25	3.67	7.14	4.91	6.40	19.55	19.18	24.31	3.93	3.31	3.08	3.19	4.33
26	3.55	6.58	5.38	6.05	15.77	14.52	46.54	3.53	3.43	3.19	3.19	3.67
27	3.55	6.22	20.53	7.14	13.34	11.55	35.22	4.47	3.43	3.31	3.19	3.43
28	3.43	6.05	5.47	7.94	45.10	10.42	38.96	4.76	3.15	3.31	3.08	3.19
29	3.43		7.53	11.08	36.64	9.70	17.15	4.20	3.31	3.31	3.08	3.43
30	3.80		6.95	10.65	29.30	5.01	12.22	3.67	3.67	3.31	2.57	3.43
31	9.59		6.58		17.77		3.70	3.43		3.31		3.43
MEAN	5.060	7.466	6.570	7.394	28.794	26.708	15.966	5.606	3.614	3.283	3.342	3.047
INCHES	0.303	0.404	0.394	0.429	1.725	1.549	0.953	0.336	0.210	0.197	0.194	0.183
STA AV	0.156	0.160	0.339	0.439	0.612	0.607	0.185	0.211	0.248	0.256	0.198	0.147

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.001933. To convert discharge in inches to AC-FT, multiply by 1,026. STA AV based on 11 yr (1965-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED #13 NEAR TALLEY												
ANTECEDENT CONDITIONS				RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF MAY 22 - 26, 1975												
EG 000090												
5-22	0.0	0.007	5-22	1737	0.0	0.0	5-22	1736	4.760	0.0		
				1738	1.2000	0.02		1800	5.220	0.0002		
				1739	1.8000	0.05		1818	13.060	0.0004		
				1740	5.4013	0.14		1836	27.810	0.0005		
				1741	7.7948	0.27		1853	40.340	0.0016		
WATERSHED COMPOSITIONS:												
From a revised 1971 survey:												
sowed crop - 4%; alfalfa -												
1%; pasture and range - 90%;												
and miscellaneous - 5%.												
				1743	9.3023	0.58		1906	80.490	0.0027		
				1744	3.6000	0.64		1911	131.060	0.0034		
				1746	5.6588	0.63		1918	195.320	0.0049		
				1747	3.6000	0.85		1923	276.868	0.0065		
				1748	1.8000	0.92		1936	397.668	0.0124		
				1749	3.5976	0.98		1948	456.300	0.0193		
				1752	1.0000	1.03		1953	493.418	0.0225		
				1753	0.6000	1.04		2006	520.219	0.0313		
				1755	1.2000	1.08		2011	535.500	0.0345		
				1756	4.1972	1.15		2018	556.658	0.0402		
				1757	2.4000	1.15		2030	745.580	0.0510		
				1759	3.0000	1.25		2036	853.748	0.0574		
				1801	2.7000	1.36		2041	979.128	0.0636		
				1802	4.2010	1.45		2048	1128.426	0.0735		
				1804	3.0000	1.55		2100	1300.520	0.0930		
				1805	1.2000	1.57		2106	1399.799	0.1039		
				1806	3.6000	1.63		2111	1466.738	0.1135		
				1808	3.6000	1.75		2123	1546.348	0.1378		
				1811	1.0000	1.80		2130	1573.458	0.1525		
				1816	0.6000	1.85		2136	1555.360	0.1652		
				1823	0.7714	1.94		2141	1555.360	0.1759		
				1826	0.6000	1.97		2153	1566.018	0.2014		
				1831	0.1200	1.98		2223	1415.076	0.2615		
				1839	0.0750	1.99		2248	1243.069	0.3061		
				1844	0.1200	2.00		2336	1033.078	0.3794		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00008054.

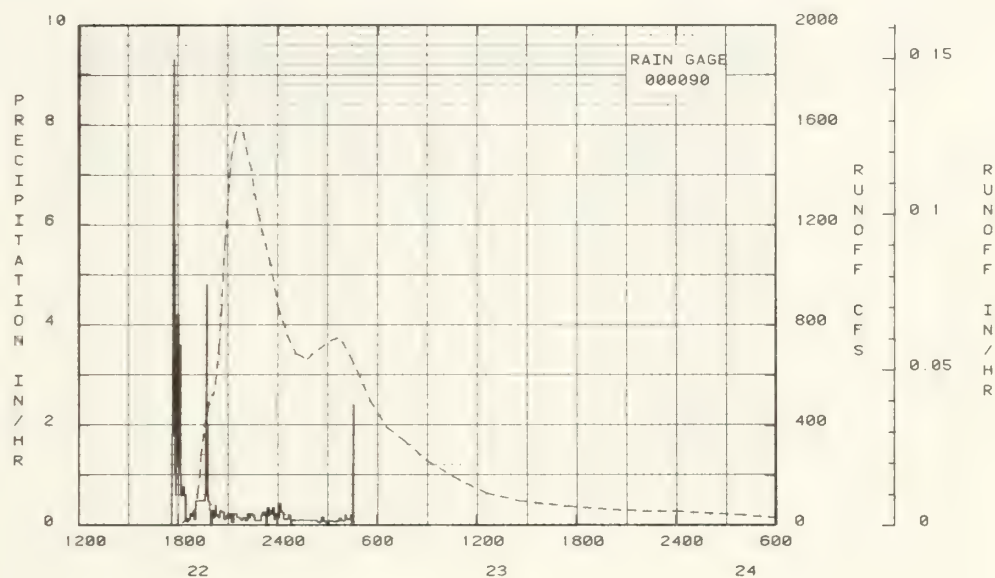


1975	SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED 513 BEAR TALEE						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF MAY 22 - 26, 1975 (CONTINUED)										
5-22			1849		0.2400	2.02	5-22	2400	872.648	0.4101
			1855		0.2000	2.04	5-23	36	755.990	0.4494
			1859		0.3000	2.06		106	684.908	0.4785
			1904		0.1200	2.07		136	668.610	0.5057
			1939		0.4971	2.36		148	665.378	0.5164
			1941		0.6000	2.38		206	684.908	0.5328
			1943		1.8000	2.44		318	742.120	0.6017
			1944		4.8012	2.52		336	749.040	0.6157
			1947		2.0000	2.62		353	731.820	0.6366
			1948		0.6000	2.63		436	646.198	0.6764
			1950		0.6000	2.65		536	456.350	0.7224
			1955		0.4800	2.69		636	350.080	0.7581
			1959		0.3000	2.71		736	339.500	0.7875
			2003		0.0	2.71		900	259.100	0.8212
			2009		0.3000	2.74		1100	179.610	0.8566
			2013		0.1500	2.75		1236	128.600	0.8764
			2016		0.2000	2.76		1436	98.010	0.8947
			2019		0.4000	2.78		1800	73.400	0.9181
			2028		0.2000	2.81		2136	56.950	0.9373
			2032		0.1500	2.82		2400	57.470	0.9486
			2038		0.3000	2.85	5-24	348	43.340	0.9640
			2047		0.2667	2.89		1200	32.160	0.9889
			2052		0.1200	2.90		1800	26.450	1.0031
			2056		0.1500	2.91		2400	23.040	1.0151
			2105		0.2000	2.94	5-25	1200	19.550	1.0356
			2109		0.1500	2.95		2400	17.660	1.0536
			2114		0.2400	2.97	5-26	1200	15.770	1.0698
			2124		0.0600	2.98		2400	14.555	1.0844
			2129		0.2400	3.00				
			2134		0.2400	3.02				
			2145		0.1636	3.05				
			2150		0.1200	3.06				
			2156		0.1000	3.07				
			2207		0.1636	3.10				
			2213		0.1000	3.11				
			2218		0.2400	3.13				
			2222		0.1500	3.14				
			2232		0.2400	3.18				
			2238		0.2000	3.20				
			2244		0.1000	3.21				
			2256		0.1000	3.23				
			2302		0.1000	3.24				
			2308		0.2000	3.26				
			2317		0.2667	3.30				
			2320		0.2000	3.31				
			2324		0.0	3.31				
			2325		0.3600	3.34				
			2332		0.2000	3.35				
			2336		0.3000	3.37				
			2344		0.2250	3.40				
5-23			2349		0.3600	3.43				
			2354		0.1200	3.44				
			4		0.2400	3.46				
			8		0.1500	3.49				
			12		0.4500	3.52				
			16		0.3000	3.54				
			23		0.2571	3.57				
			28		0.1200	3.58				
			42		0.1286	3.61				
			48		0.2000	3.63				
			53		0.0	3.63				
			218		0.1129	3.75				
			224		0.1000	3.80				
			241		0.0706	3.82				
			248		0.1714	3.84				
			256		0.0750	3.85				
			308		0.0500	3.86				
			314		0.1000	3.87				
			321		0.0857	3.88				
			337		0.0750	3.90				
			344		0.0857	3.91				
			352		0.1500	3.93				
			405		0.0523	3.95				
			411		0.2000	3.97				
		416		0.1200	3.98					

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00006054.

1975			SELECTED RUNOFF EVENT								CHICKASHA, OKLAHOMA WATERSHED 513 NEAR TALLEE							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF											
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.								
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)								
EVENT OF											MAY 22 - 26, 1975 (CONTINUED)							
5-23				425	0.1333	4.00												
				428	0.2000	4.01												
				432	0.0	4.01												
				433	0.6000	4.02												
				434	1.2000	4.04												
				435	2.4600	4.06												

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00006054.



EVENT OF MAY 22 - 26, 1975  
CHICKASHA, OKLAHOMA WATERSHED 513 NEAR TALLEE

## CHICKASHA, OKLAHOMA WATERSHED 311 NEAR FCCASSET

LOCATION: Salt Creek Watershed 1/2 mile East of U.S. highway 81 near Focasset, in Grady County, Okla.; tributary to Washita River; Red River Basin. GAGING STATION--NW1/4 sec. 28, T. 8 N., E. 7 W., lat. 35 deg. 08 min. 44 sec. N, long. 97 deg. 57 min. 30 sec. W.

AREA: 15206.00 acres 23.76 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED 311 NEAR FCCASSET																	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual																	
1975	P	2.34	1.87	2.29	1.55	6.34	3.49	6.89	2.82	2.42	0.72	1.60	1.01	33.34																	
	Q	0.265	0.334	0.270	0.271	0.868	0.266	1.286	0.408	0.057	0.035	0.060	0.066	4.186																	
STA AV	P	1.07	1.03	2.10	3.06	4.67	3.32	2.48	2.42	3.65	2.93	1.56	0.97	25.27																	
	Q	0.066	0.062	0.224	0.411	0.566	0.408	0.147	0.069	0.069	0.143	0.094	0.030	2.269																	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																															
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days															
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.														
1975		7-25	0.030	7-25	0.029	7-25	0.058	7-25	0.143	5-22	0.156	7-25	0.295	7-24	0.513	7-24	1.023														
MAXIMUMS FOR PERIOD OF RECORD																															
		4-12	0.320	4-12	0.314	4-12	0.600	4-12	1.201	4-12	1.310	4-12	1.338	4-12	1.424	4-9	1.720														
		1967		1967		1967		1967		1967		1967		1967		1967															

NOTES: Watershed conditions: From a revised 1974 survey; sowed crop - 36%; row crop - 2%; alfalfa - 2%; pasture and range - 53%; and miscellaneous - 7%. For maps of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1967, USDA Misc. Pub. 1262, p. 69.27-4 (Topography) and 1965, USDA Misc. Pub. 1216, p. 69.7-21 (Composite). Precipitation data obtained from a Thiessen weighted average of 9 gages on the watershed. Precipitation and runoff records began Jan. 1967. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975		DAILY PRECIPITATION (inches)					CHICKASHA, OKLAHOMA WATERSHED 311 NEAR FCCASSET							
	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	1	0.19	0.16	0.0	0.0	0.0	0.0	0.0	0.64	0.0	0.04	0.0	0.0	
	2	0.88	0.27	0.0	0.0	0.93	0.0	0.0	0.83	0.0	0.0	0.20	0.0	
	3	0.0	0.31	0.0	0.0	0.0	0.0	0.52	0.0	0.0	0.0	0.02	0.0	
	4	0.0	0.05	0.0	0.0	0.03	0.0	0.02	0.0	0.0	0.0	0.0	0.0	
	5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.39	0.0	0.25	0.0	
	6	0.0	0.0	0.0	0.01	0.0	0.56	0.0	0.0	0.0	0.0	0.17	0.0	
	7	0.0	0.0	0.0	0.88	0.0	0.0	0.70	0.0	0.0	0.0	0.0	0.0	
	8	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	
	9	0.0	0.0	0.58	0.0	0.0	0.18	0.10	0.0	0.0	0.0	0.0	0.0	
	10	0.0	0.0	0.0	0.01	0.01	0.28	0.40	0.0	0.0	0.0	0.0	0.0	
	11	0.0	0.0	0.27	0.0	0.33	0.0	0.0	0.0	0.84	0.0	0.0	0.0	
	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.29	0.0	0.0	0.0	
	13	0.0	0.0	0.0	0.32	1.17	0.0	0.0	0.28	0.45	0.0	0.0	0.0	
	14	0.0	0.0	0.0	0.0	0.53	0.0	0.0	0.69	0.30	0.30	0.0	0.0	
	15	0.0	0.05	0.17	0.0	0.0	0.0	0.0	0.16	0.01	0.38	0.0	0.0	
	16	0.0	0.46	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.0	
	17	0.0	0.0	0.15	0.15	0.0	0.23	0.0	0.0	0.04	0.0	0.0	0.0	
	18	0.0	0.0	0.27	0.02	0.01	0.0	0.05	0.0	0.0	0.0	0.0	0.0	
	19	0.0	0.0	0.0	0.0	0.15	0.0	0.06	0.0	0.0	0.0	0.73	0.0	
	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	21	0.0	0.0	0.0	0.0	0.0	0.18	0.0	0.0	0.10	0.0	0.0	0.0	
	22	0.0	0.54	0.0	0.0	1.80	0.79	0.0	0.0	0.0	0.0	0.0	0.10	
	23	0.0	0.0	0.0	0.0	0.10	0.68	0.0	0.0	0.0	0.0	0.0	0.15	
	24	0.01	0.0	0.0	0.0	0.0	0.35	3.15	0.0	0.0	0.0	0.0	0.55	
	25	0.0	0.0	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.0	0.0	0.05	
	26	0.0	0.0	0.15	0.0	0.0	0.0	0.78	0.06	0.0	0.0	0.0	0.0	
	27	0.0	0.0	0.54	0.16	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0	
	28	0.0	0.0	0.16	0.0	0.90	0.0	0.53	0.0	0.0	0.0	0.0	0.10	
	29	0.0	0.0	0.0	0.0	0.38	0.0	0.01	0.0	0.0	0.0	0.23	0.06	
	30	1.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	31	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL		2.34	1.87	2.29	1.55	6.34	3.49	6.89	2.82	2.42	0.72	1.60	1.01	
STA AV		1.07	1.03	2.10	3.06	4.67	3.32	2.48	2.42	3.65	2.93	1.56	0.97	

NOTES: For daily air temperatures in the vicinity, see table for Watershed W-700, (69.007) of this publication. Precipitation values are Thiessen weighted average of 9 rain gages on the watershed. STA AV based on 9 yr (1967-75) record period.

1975	MEAN DAILY DISCHARGE (cfs)					CHICKASAW, OKLAHOMA WATERSHED 311 NEAR ECCASSET						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.88	11.16	3.00	3.68	2.18	7.47	1.78	35.30	0.98	0.62	0.68	1.26
2	44.42	8.14	2.75	3.40	3.20	5.47	1.19	74.44	0.57	0.52	1.60	1.11
3	20.37	15.35	2.40	3.00	15.68	4.54	1.04	43.97	0.52	0.57	1.60	1.19
4	7.20	37.56	3.54	3.00	7.91	3.83	6.41	15.22	0.52	0.62	1.26	1.26
5	5.12	12.63	2.88	3.00	6.43	3.87	4.54	10.88	0.48	0.62	1.19	1.34
6	4.77	6.63	3.00	3.26	4.29	2.84	2.63	7.47	1.42	0.62	1.78	1.11
7	3.13	5.47	2.88	6.04	3.13	6.65	91.64	5.47	0.73	0.62	1.69	0.98
8	2.88	5.66	2.51	56.02	2.40	3.54	23.22	4.13	0.57	0.68	1.42	0.98
9	2.51	4.13	2.88	16.36	2.40	4.61	4.11	3.83	0.52	0.73	1.19	1.04
10	2.40	4.45	6.23	7.21	2.08	4.45	20.56	3.13	0.52	0.73	1.04	1.11
11	2.08	4.77	8.60	4.94	1.51	3.54	6.63	2.51	0.86	0.73	0.98	1.11
12	1.42	4.29	10.35	4.29	1.88	2.63	2.88	2.08	3.83	0.68	0.85	1.04
13	1.42	3.98	7.47	4.45	22.80	1.78	1.88	2.08	1.65	0.73	0.79	1.04
14	1.34	3.98	4.61	4.94	41.29	1.69	1.88	11.87	3.54	0.57	0.79	1.19
15	1.51	3.98	3.40	4.29	12.54	1.11	1.78	7.04	3.13	2.42	0.91	1.04
16	1.78	4.29	3.54	3.83	7.04	0.98	1.60	5.12	2.40	0.98	1.11	0.91
17	1.78	5.12	3.68	3.54	7.04	0.98	1.34	3.83	1.97	0.73	1.34	0.91
18	1.78	4.94	11.05	3.68	5.12	1.19	1.42	3.13	1.78	0.73	1.19	0.79
19	1.60	6.83	16.37	3.98	4.29	1.78	1.34	2.40	1.26	0.79	1.88	0.85
20	1.34	4.13	6.84	3.26	3.13	1.60	1.15	1.97	0.98	0.73	2.51	0.98
21	1.34	3.68	4.94	2.88	2.29	1.11	0.91	1.78	0.91	0.68	1.34	0.98
22	1.42	17.76	4.29	2.75	10.35	12.83	0.44	1.60	0.91	0.68	1.19	1.11
23	1.42	13.13	4.13	2.88	150.29	11.60	0.73	1.51	0.85	0.68	1.19	1.19
24	1.34	6.23	2.88	3.00	19.78	23.13	145.35	1.34	0.91	0.68	1.19	1.69
25	1.60	4.77	2.29	2.75	12.00	29.87	132.23	1.26	0.98	0.57	1.19	2.63
26	1.60	3.83	2.88	2.40	8.37	10.35	154.03	1.19	0.91	0.52	1.04	2.75
27	1.51	3.40	10.06	2.51	6.86	6.43	52.26	1.19	0.79	0.62	1.04	2.63
28	1.42	3.00	14.86	2.51	40.13	4.29	97.43	1.34	0.73	0.68	1.11	2.08
29	1.42		8.96	2.63	59.19	2.51	30.13	1.34	0.68	0.62	1.34	2.08
30	1.60		5.12	2.51	75.24	2.51	15.80	1.19	0.62	0.57	1.69	1.57
31	44.04		4.13		13.95		13.25	1.11		0.62		1.88
MEAN	5.466	7.618	5.565	5.766	17.897	5.659	26.505	8.411	1.219	0.721	1.271	1.362
INCHES	0.265	0.334	0.270	0.271	0.868	0.266	1.286	0.408	0.057	0.035	0.060	0.066
STA AV	0.066	0.062	0.224	0.411	0.566	0.408	0.147	0.065	0.069	0.143	0.094	0.030

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.001565. To convert discharge in inches to AC-FT, multiply by 1,267. STA AV based on 9 yr (1967-75) record period.



## CHICKASHA, OKLAHOMA WATERSHED 515 NEAR AMBER

LOCATION: Watershed 515 lies northeast of Amber, in Grady County, Okla.; tributary of West Bitter Creek, Washita River; Fed River Basin. GAGING STATION--At county road bridge, NE1/4 sec. 20, T. 8 N., E. 6 W., lat. 35 deg. 05 min. 37 sec.; long. 97 deg. 51 min. 06 sec.

AREA: 1620.00 acres 2.53 sq. miles

MONTHLY PRECIPITATION AND RUNOFF (inches)										CHICKASHA, OKLAHOMA WATERSHED 515 NEAR AMBER							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.94	2.29	2.18	2.27	8.02	3.90	6.00	1.57	2.54	0.90	1.26	1.16	34.03			
	Q	0.307	0.771	0.273	0.856	2.140	0.783	0.639	0.122	0.035	0.036	0.028	0.030	6.020			
STA AV	P	1.73	1.48	3.87	2.69	5.51	3.39	3.45	2.90	3.79	2.87	1.64	1.03	34.33			
	Q	0.270	0.322	1.129	0.558	1.203	0.970	0.236	0.245	0.048	0.180	0.237	0.063	5.502			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-23	0.053	5-22	0.052	5-22	0.104	5-22	0.255	5-22	0.514	5-22	0.686	5-22	0.772	5-22	1.710
MAXIMUMS FOR PERIOD OF RECORD																	
		6-2	0.126	6-2	0.114	6-2	0.207	6-2	0.459	6-2	0.678	6-2	0.865	6-1	1.051	5-30	2.316
		1973		1973		1973		1973		1973		1973		1973		1973	

NOTES: Watershed Conditions: The land use in 1975 was sowed crop - 22%; row crop - 5%; timbered pasture - 6%; timber - 3%; pasture - 51%; farmsteads - 3%; farm ponds - 3%; farm roads - 2% and highways - 1%. Precipitation Data obtained from a Thiessen weighted average from rain gages 61, 62 and 69 on or near the watershed. Precipitation records began Oct. 1961. Runoff records began August 1972. STA AV based on 3 yr (1973-1975) record period. For long-time precipitation records, see National Weather Service records at Chickasha, OK.

1975 DAILY PRECIPITATION (inches)													CHICKASHA, OKLAHOMA WATERSHED 515 NEAR AMBER												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
1	0.15	0.16	0.0	0.0	0.0	0.0	0.0	0.32	0.0	0.12	0.0	0.0													
2	0.83	0.27	0.0	0.0	0.90	0.0	0.0	0.48	0.0	0.0	0.17	0.0													
3	0.0	0.24	0.0	0.0	0.0	0.0	0.38	0.0	0.0	0.0	0.01	0.0													
4	0.0	0.07	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0													
5	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.80	0.0	0.26	0.04													
6	0.0	0.0	0.0	0.0	0.0	0.56	0.0	0.0	0.0	0.0	0.14	0.0													
7	0.0	0.0	0.0	1.61	0.0	0.0	0.71	0.0	0.0	0.0	0.0	0.0													
8	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0													
9	0.0	0.0	0.47	0.0	0.0	0.27	0.17	0.0	0.01	0.0	0.0	0.0													
10	0.0	0.0	0.0	0.02	0.0	0.89	0.45	0.0	0.0	0.0	0.0	0.0													
11	0.0	0.0	0.11	0.01	0.20	0.0	0.0	0.0	0.53	0.0	0.0	0.0													
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0													
13	0.0	0.0	0.0	0.48	1.53	0.0	0.0	0.0	0.39	0.0	0.0	0.0													
14	0.0	0.0	0.0	0.0	0.47	0.0	0.0	0.43	0.33	0.18	0.0	0.01													
15	0.0	0.06	0.15	0.0	0.0	0.0	0.0	0.20	0.02	0.60	0.0	0.0													
16	0.0	0.54	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0													
17	0.0	0.0	0.27	0.03	0.0	0.33	0.0	0.0	0.05	0.0	0.0	0.0													
18	0.0	0.0	0.33	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													
19	0.0	0.0	0.0	0.0	0.17	0.0	0.11	0.0	0.0	0.0	0.63	0.0													
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													
21	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.11	0.0	0.0	0.0													
22	0.0	0.93	0.0	0.0	2.18	0.51	0.0	0.0	0.0	0.0	0.0	0.10													
23	0.0	0.0	0.0	0.0	0.31	0.61	0.0	0.0	0.0	0.0	0.0	0.10													
24	0.02	0.0	0.0	0.0	0.0	0.04	2.68	0.0	0.0	0.0	0.0	0.65													
25	0.0	0.0	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.09													
26	0.0	0.0	0.12	0.0	0.0	0.0	0.63	0.0	0.0	0.0	0.0	0.0													
27	0.0	0.0	0.55	0.11	0.09	0.0	0.0	0.14	0.0	0.0	0.0	0.0													
28	0.0	0.0	0.18	0.0	1.20	0.0	0.45	0.0	0.0	0.0	0.0	0.10													
29	0.0	0.0	0.0	0.0	0.97	0.0	0.07	0.0	0.0	0.0	0.05	0.07													
30	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													
31	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													
TOTAL	1.94	2.29	2.18	2.27	8.02	3.50	6.00	1.57	2.54	0.90	1.26	1.16													
STA AV	1.73	1.48	3.87	2.69	5.51	3.39	3.45	2.90	3.79	2.87	1.64	1.03													

NOTES: For daily air temperature in the vicinity, see table for Watershed W-700 (69-007) of this publication. Daily precipitation values Thiessen weighted average from rain gages 61, 62 and 69 on or near the watershed. STA AV based on 3 yr (1973-1975) record period.

1975	MEAN DAILY DISCHARGE (cfs)				CHICKASAW, OKLAHOMA WATER SHEET 515 NEAR APEEE							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.200	0.670	0.670	0.570	0.250	2.300	0.250	0.570	0.070	0.070	0.070	0.070
2	7.848	0.910	0.520	0.430	1.825	1.430	0.220	1.213	0.060	0.070	0.070	0.070
3	4.180	2.090	0.430	0.350	0.784	0.580	0.220	1.350	0.060	0.070	0.070	0.070
4	1.690	4.340	0.430	0.350	0.480	0.730	0.250	0.790	0.070	0.070	0.070	0.070
5	0.850	2.090	0.430	0.350	0.320	2.050	0.220	0.480	0.197	0.070	0.070	0.070
6	0.520	1.190	0.430	0.390	0.280	0.574	0.170	0.350	0.090	0.070	0.070	0.070
7	0.430	0.910	0.350	24.245	0.200	1.222	1.092	0.280	0.070	0.070	0.070	0.070
8	0.350	0.790	0.320	14.471	0.200	0.620	0.390	0.220	0.070	0.070	0.070	0.070
9	0.320	0.390	0.620	4.180	0.200	0.750	0.260	0.200	0.070	0.070	0.060	0.070
10	0.280	0.480	0.570	1.890	0.170	14.784	1.632	0.170	0.070	0.070	0.060	0.070
11	0.200	0.480	0.480	1.120	0.200	2.517	0.430	0.170	0.070	0.070	0.060	0.070
12	0.170	0.390	0.520	0.910	0.200	1.270	0.220	0.150	0.110	0.070	0.050	0.070
13	0.170	0.430	0.350	1.430	7.366	0.850	0.170	0.150	0.090	0.070	0.050	0.070
14	0.200	0.430	0.350	1.190	7.402	0.670	0.170	0.220	0.150	0.070	0.060	0.070
15	0.200	0.390	0.350	0.850	2.300	0.520	0.170	0.200	0.090	0.150	0.060	0.070
16	0.200	0.670	0.480	0.670	0.980	0.480	0.150	0.170	0.090	0.090	0.070	0.070
17	0.200	0.850	0.430	0.620	0.570	0.804	0.150	0.170	0.090	0.090	0.070	0.070
18	0.200	0.510	1.270	0.620	0.430	0.390	0.150	0.150	0.090	0.090	0.070	0.070
19	0.200	0.670	0.850	0.480	0.350	0.350	0.170	0.150	0.070	0.090	0.090	0.070
20	0.170	0.670	0.670	0.430	0.320	0.320	0.150	0.130	0.070	0.070	0.060	0.070
21	0.200	0.570	0.570	0.390	0.250	0.280	0.130	0.130	0.070	0.070	0.060	0.060
22	0.150	20.940	0.480	0.430	13.571	5.109	0.130	0.130	0.070	0.090	0.060	0.060
23	0.170	5.783	0.430	0.520	36.868	7.786	0.110	0.150	0.070	0.090	0.060	0.060
24	0.220	2.420	0.350	0.520	4.132	3.709	9.783	0.150	0.070	0.090	0.060	0.060
25	0.200	1.510	0.320	0.430	1.430	1.430	6.771	0.130	0.070	0.090	0.070	0.070
26	0.200	1.120	0.350	0.390	0.850	0.850	10.853	0.090	0.070	0.090	0.070	0.060
27	0.170	0.850	2.647	0.350	0.670	0.570	5.107	0.090	0.060	0.090	0.070	0.060
28	0.130	0.750	1.270	0.350	18.881	0.480	1.990	0.090	0.060	0.090	0.070	0.060
29	0.130		0.790	0.350	22.270	0.350	1.430	0.090	0.060	0.090	0.070	0.060
30	0.220		0.670	0.320	20.958	0.280	0.510	0.070	0.070	0.070	0.070	0.060
31	0.980		0.620		4.180		0.620	0.070		0.070		0.060
MEAN	0.6886	1.9176	0.6134	1.9865	4.8054	1.8178	1.4351	0.2733	0.0806	0.0803	0.0660	0.0677
INCHES	0.307	0.771	0.273	0.856	2.140	0.783	0.635	0.122	0.035	0.036	0.028	0.030
STA AV	0.270	0.322	1.129	0.598	1.203	0.570	0.236	0.245	0.048	0.180	0.237	0.063

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.01465. Discharge rating curve estimated for flows greater than 60 CFS. STA AV based on 3 yr (1973-1975) record period.

## CHICKASHA, OKLAHOMA WATERSHED C-1

LOCATION: Grady County, Oklahoma; SW 1/4 sec. 26, E. 7 W., T. 7 N., about 2 miles Southeast of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 02 min. 46 sec. N.; Long. 97 deg. 54 min. 39 sec. W.

AREA: 17.83 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED C-1	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	1.88	2.80	2.02	1.75	8.05	2.69	9.85	1.41	2.31	1.23	0.87	1.33	36.27	
	Q	0.067	0.044	0.001	0.000	2.415	0.058	4.431	0.000	0.0	0.0	0.0	0.0	7.016	
STA AV	P	1.01	1.25	2.13	2.92	4.24	2.47	2.56	3.22	3.94	3.00	1.26	0.98	28.96	
	Q	0.052	0.006	0.174	0.134	0.480	0.187	0.436	0.295	0.274	0.425	0.195	0.048	2.747	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-7	0.081	5-23	0.075	5-23	0.147	5-22	0.425	5-22	0.755	5-22	1.371	7-24	1.928
MAXIMUMS FOR PERIOD OF RECORD															
		5-24	0.116	3-10	0.085	3-10	0.164	10-30	0.459	10-2	0.814	10-30	1.504	7-22	3.189
		1973		1973		1973		1972		1971		1972		1975	

NOTES: Watershed conditions: Continuous cotton - tillage during fallow period consisted of shredding stalks, disking, chiseling, spring-tooth harrowing and spike-tooth harrowing. Cotton was planted during late May. Tillage during the growing season consisted of rotary hoeing and cultivating. Cotton harvested late Nov. Principal drain with less than 0.05 ft. grade per 100 feet was maintained during the growing season by use of field cultivator. Cotton harvested last of December. For general description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, pp. 69.30-1 and 69.30-3. Monthly precipitation values obtained from one recording rain gage, No. 173, located near the 1.5 ft. B-flume. Precipitation and runoff records began January 1, 1965. STA AV based on 11 yr (1965-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)														CHICKASHA, OKLAHOMA WATERSHED C-1	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.07	0.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.0	0.0			
2	0.91	0.31	0.0	0.0	0.72	0.0	0.0	0.26	0.0	0.0	0.20	0.0			
3	0.0	0.28	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0			
4	0.0	0.02	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.05	0.05			
6	0.0	0.0	0.0	0.0	0.0	0.76	0.0	0.0	0.0	0.0	0.02	0.0			
7	0.0	0.0	0.0	0.77	0.0	0.01	2.55	0.0	0.0	0.0	0.0	0.0			
8	0.02	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0			
9	0.0	0.0	0.33	0.0	0.0	0.01	0.12	0.0	0.0	0.0	0.0	0.0			
10	0.0	0.0	0.0	0.0	0.05	0.49	0.19	0.0	0.0	0.0	0.0	0.0			
11	0.0	0.0	0.07	0.0	0.03	0.0	0.0	0.0	0.63	0.0	0.0	0.0			
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.0	0.0	0.0			
13	0.0	0.0	0.0	0.45	0.81	0.0	0.0	0.0	0.59	0.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	0.64	0.0	0.0	0.33	0.14	0.18	0.0	0.02			
15	0.0	0.09	0.17	0.0	0.0	0.0	0.0	0.65	0.10	0.53	0.0	0.0			
16	0.0	0.50	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0			
17	0.0	0.0	0.10	0.02	0.0	0.01	0.0	0.0	0.06	0.0	0.0	0.0			
18	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
19	0.0	0.0	0.0	0.0	0.33	0.0	0.25	0.0	0.0	0.0	0.50	0.0			
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
21	0.0	0.0	0.0	0.0	0.0	0.14	0.0	0.0	0.10	0.0	0.0	0.0			
22	0.0	1.35	0.0	0.0	3.09	0.50	0.0	0.0	0.0	0.0	0.0	0.04			
23	0.0	0.0	0.0	0.0	0.40	0.13	0.0	0.0	0.0	0.0	0.0	0.08			
24	0.02	0.0	0.0	0.0	0.0	0.02	4.15	0.0	0.0	0.0	0.0	0.68			
25	0.0	0.0	0.0	0.0	0.0	0.0	0.77	0.0	0.0	0.0	0.0	0.14			
26	0.0	0.0	0.15	0.0	0.0	0.0	1.13	0.07	0.0	0.0	0.0	0.0			
27	0.0	0.0	0.64	0.21	0.05	0.0	0.0	0.10	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.21	0.0	1.14	0.0	0.56	0.0	0.0	0.0	0.0	0.22			
29	0.0	0.0	0.0	0.34	0.76	0.0	0.09	0.0	0.0	0.0	0.10	0.10			
30	0.76		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	0.10		0.0		0.0		0.0	0.0		0.0		0.0			
TOTAL	1.88	2.80	2.02	1.75	8.09	2.69	9.85	1.41	2.31	1.23	0.87	1.33			
STA AV	1.01	1.25	2.13	2.92	4.24	2.47	2.56	3.22	3.94	3.00	1.26	0.98			

NOTES: Values obtained from one recording rain gage, No. 173. STA AV based on 11 yr (1965-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED C-1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.044	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.004	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.001	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.041	0.364	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.001	0.544	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.017	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.024	0.0	0.0	0.239	0.001	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.919	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.116	0.0	0.800	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.567	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.494	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.214	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.001	0.0	0.261	0.0	0.310	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.251	0.0	0.003	0.0	0.0	0.0	0.0	0.0
30	0.001	0.0	0.0	0.0	0.022	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0016	0.0012	0.0	0.0	0.0583	0.0014	0.1071	0.0	0.0	0.0	0.0	0.0
INCHES	0.067	0.044	0.001	0.000	2.415	0.058	4.431	0.000	0.0	0.0	0.0	0.0
STA AV	0.092	0.006	0.174	0.134	0.480	0.187	0.436	0.295	0.274	0.425	0.195	0.048

NOTES: To convert discharge in CFS to IN/DAY, multiply by 1.334922. STA AV based on 11 yr (1965-75) record period.

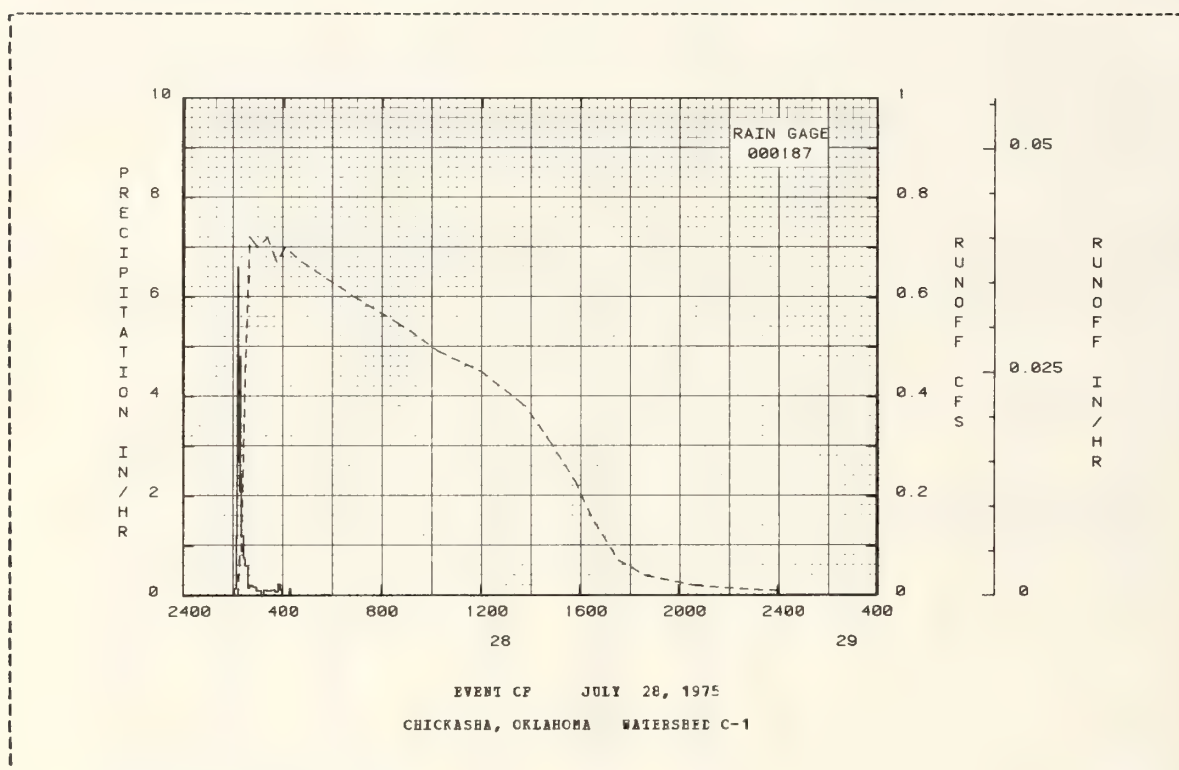
1975	SELECTED BUNCFP EVENT					CHICKASAW, OKLAHOMA					WATERSHED C-1	
ANTECEDENT CONDITIONS			RAINFALL			BUNCFP						
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT CP JULY 28, 1975												
RG 000187			EG 000187									
7-28	0.0	0.000	7-28	204	0.0	0.0	7-28	212	0.002	0.0		
				208	0.1500	0.01		216	0.085	0.0002		
				209	1.2000	0.03		220	0.053	0.0005		
				210	3.6000	0.05		223	0.241	0.0009		
				211	6.6000	0.20		228	0.454	0.0026		
WATERSHED CONDITIONS:				213	2.7000	0.25		238	0.722	0.0080		
100% cultivation, continuous				214	3.0000	0.34		257	0.697	0.0205		
dry land cotton. Chiseled				215	4.6000	0.42		320	0.722	0.0356		
10-14 inches deep about				217	2.1000	0.49		343	0.672	0.0505		
March 1.				219	2.4000	0.57		403	0.697	0.0632		
				222	1.2000	0.63		445	0.672	0.0898		
				225	1.2000	0.69		652	0.601	0.1648		
				229	0.7500	0.74		852	0.535	0.2280		
				233	0.6000	0.78		1017	0.493	0.2685		
				236	0.6000	0.81		1200	0.454	0.3137		
				240	0.1500	0.82		1348	0.380	0.3554		
				249	0.2000	0.85		1455	0.258	0.3765		
				256	0.1714	0.87		1549	0.228	0.3897		
				302	0.1000	0.88		1627	0.157	0.3964		
				308	0.1000	0.85		1735	0.071	0.4036		
				315	0.0	0.89		1842	0.041	0.4071		
				320	0.1200	0.90		2042	0.020	0.4105		
				326	0.1000	0.91		2400	0.010	0.4132		
				332	0.1000	0.92						
				337	0.1200	0.93						
				342	0.1200	0.94						
				349	0.0857	0.95						
				354	0.2400	0.97						
				359	0.1200	0.98						
				417	0.0	0.98						

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.05562.



1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED C-1							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JULY 28, 1975 (CONTINUED)										
7-28				421	0.1500	0.55				
				428	0.0	0.55				
				514	0.0261	1.01				
				535	0.0	1.01				
				553	0.0333	1.02				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.05562.



## CHICKASHA, OKLAHOMA WATERSHED C-3

LOCATION: Grady County, Oklahoma; NE 1/4 sec. 35, E. 7 W., T. 7 N., about 2-1/2 miles Southeast of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 02 min. 25 sec. N.; Long. 97 deg. 54 min. 13 sec. W.

AREA: 44.26 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								CHICKASHA, OKLAHOMA WATERSHED C-3											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.86	2.74	1.84	1.63	7.48	2.46	9.86	1.45	2.03	1.16	0.83	1.21	34.55					
	Q	0.159	0.186	0.001	0.003	2.613	0.052	4.530	0.001	0.0	0.000	0.0	0.0	7.545					
STA AV	P	0.99	1.28	2.17	2.93	4.11	2.22	2.79	2.60	3.84	2.98	1.21	0.92	28.04					
	Q	0.092	0.027	0.187	0.392	0.932	0.462	0.654	0.437	0.442	0.540	0.085	0.019	4.268					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-7	0.256	7-7	0.247	5-22	0.412	5-22	1.035	5-22	1.656	5-22	1.545	7-24	2.012	7-23	3.358		
MAXIMUMS FOR PERIOD OF RECORD																			
		5-31	0.556	5-31	0.451	5-24	0.729	5-24	1.458	5-24	1.825	10-30	2.227	10-30	2.565	7-23	3.358		
		1971		1971		1973		1973		1973		1972		1972		1975			

NOTES: Watershed conditions: 100% cropland, previously graded and smoothed for row irrigation. Entire watershed disked and moldboard plowed 8-10 inches deep in Feb. and March 1975. Spring preplanting tillage consisted of disking, spring-tooth harrowing, incorporating fertilizer and herbicide. Entire watershed planted to cotton during early June. Tillage during growing season consisted of rotary hoeing and cultivating with sweep type cultivator as needed. Watershed not irrigated in 1975. For general description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, pp. 69.32-1 and 69.32-3. Precipitation data obtained from two recording weighing type rain gages for record period 1965-1974 and one gage (No. 186) for 1975. Precipitation and runoff records began September 1, 1965. STA AV based on 11 yr (1965-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)													
CHICKASHA, OKLAHOMA WATERSHED C-3													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.13	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0	
2	0.90	0.34	0.0	0.0	0.70	0.0	0.0	0.34	0.0	0.0	0.24	0.0	
3	0.0	0.30	0.0	0.0	0.01	0.0	0.07	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.32	0.0	0.05	0.05	
6	0.0	0.0	0.0	0.0	0.0	0.71	0.0	0.0	0.0	0.0	0.03	0.0	
7	0.0	0.0	0.0	0.66	0.0	0.09	2.71	0.0	0.0	0.0	0.0	0.0	
8	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.33	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.05	0.38	0.18	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.06	0.0	0.03	0.0	0.0	0.0	0.58	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.40	0.60	0.0	0.0	0.0	0.63	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.29	0.12	0.15	0.0	0.02	
15	0.0	0.13	0.17	0.0	0.0	0.0	0.0	0.50	0.10	0.90	0.0	0.0	
16	0.0	0.48	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.10	0.02	0.0	0.03	0.0	0.0	0.03	0.0	0.0	0.0	
18	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.32	0.0	0.19	0.0	0.0	0.0	0.46	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.11	0.0	0.0	0.0	
22	0.0	1.20	0.0	0.0	3.05	0.80	0.0	0.0	0.0	0.0	0.0	0.03	
23	0.0	0.0	0.0	0.0	0.37	0.08	0.0	0.0	0.0	0.0	0.0	0.07	
24	0.01	0.0	0.0	0.0	0.0	0.02	3.86	0.0	0.0	0.0	0.0	0.61	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.61	0.0	0.0	0.0	0.0	0.17	
26	0.0	0.0	0.10	0.0	0.0	0.0	1.20	0.17	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.55	0.24	0.11	0.0	0.0	0.15	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.23	0.0	1.06	0.0	0.87	0.0	0.0	0.0	0.0	0.15	
29	0.0	0.0	0.0	0.31	0.63	0.0	0.09	0.0	0.0	0.0	0.05	0.11	
30	0.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.86	2.74	1.84	1.63	7.48	2.46	9.86	1.45	2.03	1.16	0.83	1.21	
STA AV	0.99	1.28	2.17	2.93	4.11	2.22	2.79	2.60	3.84	2.98	1.21	0.92	

NOTES: Values obtained from two recording weighing type rain gages for record period 1965-74 and one gage (186) for 1975. STA AV based on 11 yr (1965-75) record period.







LOCATION: Grady County, Oklahoma; NE 1/4, sec. 35, E. 7 W., T. 7 N., about 2-1/2 miles Southeast of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 02 min. 23 sec. N.; Long. 97 deg. 54 min. 13 sec. W.

MONTHLY PRECIPITATION AND RUNOFF (inches)								CHICKASEA, OKLAHOMA				WATERSHED C-4					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Annual			
1975	P	1.87	2.76	1.82	1.65	7.50	2.54	9.82	1.40	2.05	1.18	0.60	1.21	34.60			
	Q	0.183	0.276	0.0	0.001	2.271	0.023	4.454	0.001	0.0	0.0	0.0	0.0	7.208			
STA AV	P	0.99	1.27	2.19	2.92	4.13	2.28	2.76	2.62	3.84	2.96	1.19	0.93	26.08			
	Q	0.113	0.034	0.141	0.266	0.859	0.358	0.634	0.345	0.310	0.552	0.087	0.012	3.711			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7- 7	0.363	7- 7	0.342	7- 7	0.620	5-22	1.173	5-22	1.592	5-22	1.684	7-24	2.046	7-24	3.554
MAXIMUMS FOR PERIOD OF RECORD																	
		5-31	0.489	5-24	0.462	5-24	0.509	5-24	1.826	5-24	1.873	10-30	2.663	10-30	3.162	7-24	3.554
		1971		1973		1973		1973		1973		1972		1972		1975	

NOTES: Watershed condition is 100% cultivation, continuous irrigated cotton. Entire watershed disked and moldboard plowed Jan. 1975. Spring tillage consisted of incorporating fertilizer and herbicide, disking and spring-tooth harrowing. Cotton planted early June. Tillage during growing season consisted of rotary mowing and cultivating. For general description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, pp. 69-33-1 and 69-33-3. Monthly precipitation data obtained from Thiessen weighted values from two recording weighing type rain gauges, Nos. 186 and 187. Precipitation and runoff records began September 1, 1965. STA AV based on 11 yr (1965-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975		DAILY PRECIPITATION (inches)					CHICKASAW, OKLAHOMA WATERSHED C-4						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.14	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	
2	0.91	0.33	0.0	0.0	0.70	0.0	0.0	0.35	0.0	0.0	0.22	0.0	
3	0.0	0.28	0.0	0.0	0.01	0.0	0.06	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.36	0.0	0.06	0.05	
6	0.0	0.0	0.0	0.0	0.0	0.72	0.0	0.0	0.0	0.0	0.02	0.0	
7	0.0	0.0	0.0	0.68	0.0	0.09	2.63	0.0	0.0	0.0	0.0	0.0	
8	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.32	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.06	0.39	0.18	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.08	0.0	0.03	0.0	0.0	0.0	0.57	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.42	0.60	0.0	0.0	0.0	0.63	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.56	0.0	0.0	0.30	0.12	0.15	0.0	0.01	
15	0.0	0.11	0.18	0.0	0.0	0.0	0.0	0.48	0.11	0.50	0.0	0.0	
16	0.0	0.50	0.0	0.0	0.0	0.17	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.10	0.01	0.0	0.02	0.0	0.0	0.02	0.0	0.0	0.0	
18	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.32	0.0	0.18	0.0	0.0	0.0	0.45	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.10	0.0	0.0	0.0	
22	0.0	1.26	0.0	0.0	3.03	0.83	0.0	0.0	0.0	0.0	0.0	0.02	
23	0.0	0.0	0.0	0.0	0.38	0.10	0.0	0.0	0.0	0.0	0.0	0.08	
24	0.02	0.0	0.0	0.0	0.0	0.02	3.85	0.0	0.0	0.0	0.0	0.61	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.64	0.0	0.0	0.0	0.0	0.18	
26	0.0	0.0	0.12	0.0	0.0	0.0	1.17	0.15	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.53	0.25	0.09	0.0	0.0	0.12	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.21	0.0	1.08	0.0	0.95	0.0	0.0	0.0	0.0	0.15	
29	0.0	0.0	0.0	0.29	0.64	0.0	0.08	0.0	0.0	0.0	0.05	0.11	
30	0.68	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.87	2.76	1.82	1.65	7.50	2.54	9.82	1.40	2.05	1.18	0.80	1.21	
STA AV	0.99	1.27	2.19	2.92	4.13	2.28	2.76	2.62	3.84	2.96	1.19	0.93	

NOTES: Precipitation values obtained from two recording weighing type rain gages, Nos. 186 and 187. STA AV based on 11 yr (1965-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED C-4												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.227	0.001	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0
3	0.002	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.001	0.0	0.016	1.132	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.339	0.0	0.0	1.477	0.003	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.643	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.001	0.0	2.076	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	3.495	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	1.056	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.349	0.0	0.641	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.336	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.044	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.3074	0.0124	0.0	0.0	0.0521	0.0009	0.1807	0.0	0.0	0.0	0.0	0.0
INCHES	0.183	0.276	0.0	0.001	2.271	0.023	4.454	0.001	0.0	0.0	0.0	0.0
STA AV	0.113	0.034	0.141	0.266	0.859	0.358	0.634	0.345	0.310	0.552	0.087	0.012

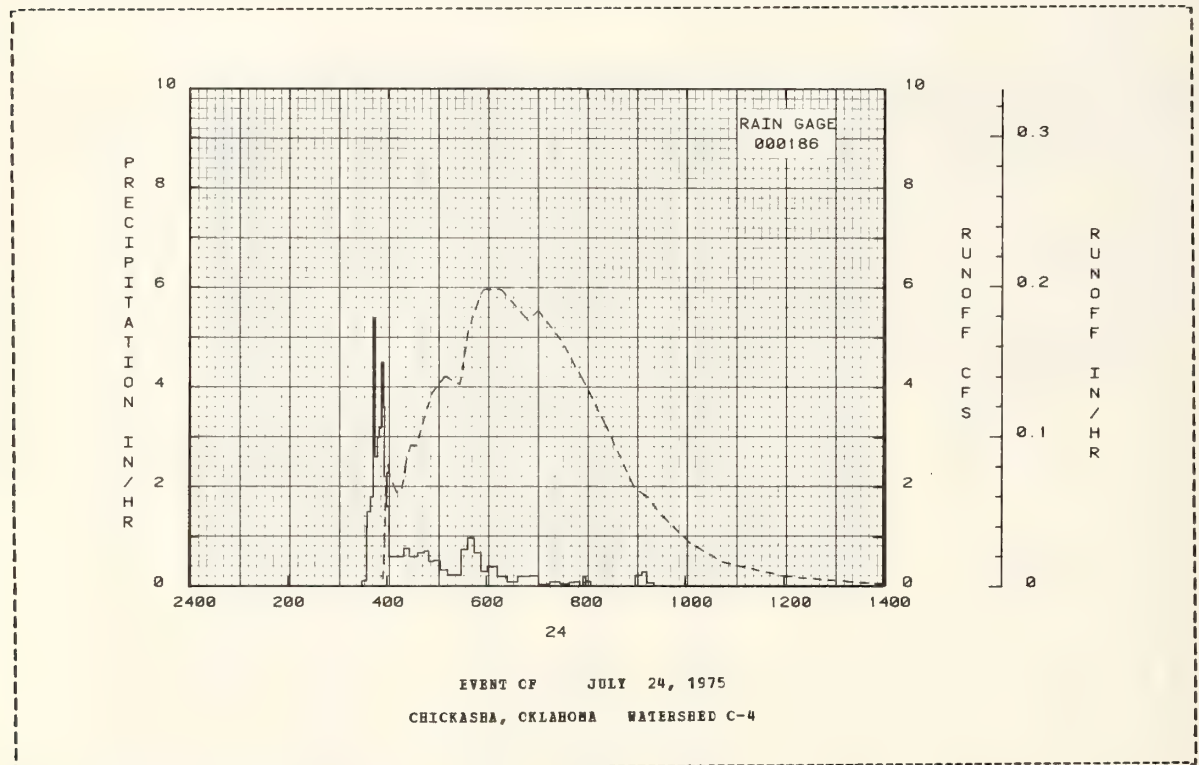
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.795244. STA AV based on 11 yr (1965-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED C-4											
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 24, 1975											
BG 000186											
7-24	0.0	0.0	7-24	330	0.0	0.0	7-24	353	0.0	0.0	
				335	0.1200	0.01		354	0.023	0.0000	
				336	1.2000	0.03		355	0.161	0.0001	
				340	1.5000	0.13		356	0.452	0.0002	
				343	1.8000	0.22		357	1.082	0.0007	
WATERSHED CONDITIONS: 100% cultivation, continuous irrigated cotton.											
				344	5.4000	0.31		358	1.987	0.0015	
				345	5.4000	0.40		401	2.449	0.0052	
				348	2.6000	0.53		403	2.211	0.0078	
				350	3.0000	0.63		411	1.861	0.0166	
				353	3.2000	0.75		418	1.987	0.0243	
				355	4.5000	0.94		423	2.575	0.0306	
				356	3.6000	1.00		428	2.837	0.0380	
				359	2.2000	1.11		435	2.837	0.0490	
				402	1.6000	1.15		453	3.863	0.0824	
				406	0.6000	1.23		509	4.221	0.1182	
				413	0.6000	1.30		527	4.050	0.1593	
				420	0.6000	1.37		537	5.143	0.1847	
				427	0.7714	1.46		549	5.751	0.2208	
				437	0.6000	1.56		555	5.964	0.2402	
				445	0.6750	1.65		616	5.964	0.3094	
				450	0.7200	1.71		649	5.341	0.4124	
				456	0.5000	1.76		701	5.544	0.4485	
				504	0.5250	1.83		729	4.949	0.5296	
				513	0.3333	1.88		759	4.050	0.6041	
				521	0.2250	1.91		823	3.260	0.6526	
				529	0.2250	1.94		858	1.987	0.7033	
				537	0.7500	2.04		915	1.778	0.7210	
				545	0.9750	2.17		933	1.405	0.7368	
				553	0.6750	2.26		1006	0.874	0.7575	
				601	0.3000	2.30		1046	0.452	0.7726	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.03314.

1975			SELECTED RUNOFF EVENT								CHICKASBA, OKLAHOMA				WATERSHED C-4			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF											
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.								
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)								
EVENT OF JULY 24, 1975 (CONTINUED)																		
7-24			613		0.4000	2.36	7-24	1200	0.209	0.7869								
			625		0.2000	2.42		1323	0.086	0.7937								
			638		0.0523	2.44		1507	0.048	0.7975								
			652		0.2143	2.45												
			703		0.2182	2.53												
			717		0.0429	2.54												
			729		0.1000	2.56												
			740		0.0545	2.57												
			747		0.0657	2.58												
			753		0.1000	2.59												
			757		0.0	2.59												
			800		0.2000	2.60												
			806		0.1000	2.61												
			807		0.0	2.61												
			831		0.0250	2.62												
			900		0.0	2.62												
			908		0.2250	2.65												
			914		0.3000	2.66												
			922		0.0750	2.69												
			1017		0.0109	2.70												

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.03314.



## CHICKASHA, OKLAHOMA WATERSHED C-5

LOCATION: Grady County, Oklahoma; SW 1/4, sec. 35, R. 7 W., T. 7 N., about 3 miles Southeast of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 02 min. 00 sec. N.; Long. 97 deg. 54 min. 33 sec. W.

AREA: 12.75 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED C-5													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	1.88	2.79	1.84	1.65	7.47	2.68	9.87	1.37	2.13	1.17	0.77	1.26	34.88													
	Q	0.201	0.926	0.094	0.103	1.961	0.011	1.620	0.0	0.0	0.0	0.0	0.0	4.916													
STA AV	P	0.98	1.26	2.16	2.91	3.99	2.30	2.55	3.12	3.78	2.92	1.16	0.92	28.05													
	Q	0.070	0.106	0.380	0.230	0.453	0.160	0.150	0.039	0.149	0.404	0.048	0.001	2.190													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days											
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.										
1975		7-28	0.465	7-28	0.365	7-28	0.524	5-22	0.866	5-22	1.292	5-22	1.416	5-22	1.428	5-22	1.925										
MAXIMUMS FOR PERIOD OF RECORD																											
		10-2	0.595	10-2	0.546	10-2	0.884	10-2	1.547	10-2	1.638	10-2	1.652	10-30	1.837	5-22	1.925										
		1971		1971		1971		1971		1971		1971		1972		1975											

NOTES: Watershed conditions: 100% cultivation, continuous dry land wheat. Harvested June 19, chiseled 6 inches deep 6-20, moldboard plowed July-August 1975, disked 5-6 inches deep, spring-tooth harrowed 3 times in September. Wheat planted mid October. For general description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.34-1. maps - revised composite, p. 69.7-21; topography, p. 69.34-3 of foregoing reference. Monthly precipitation data obtained from Thiessen weighted rainfall values from two recording weighing type rain gages, Nos. 185 and 187. Precipitation and runoff records began May 1, 1965. STA AV based on 11 yr (1965-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Oklahoma.

1975 DAILY PRECIPITATION (inches)													
CHICKASHA, OKLAHOMA WATERSHED C-5													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.14	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	
2	0.91	0.32	0.0	0.0	0.68	0.0	0.0	0.38	0.0	0.0	0.19	0.0	
3	0.0	0.27	0.0	0.0	0.01	0.0	0.04	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.42	0.0	0.05	0.05	
6	0.0	0.0	0.0	0.0	0.0	0.74	0.0	0.0	0.0	0.0	0.02	0.0	
7	0.0	0.0	0.0	0.68	0.0	0.10	2.42	0.0	0.0	0.0	0.0	0.0	
8	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.31	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.06	0.41	0.18	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.09	0.0	0.03	0.0	0.0	0.0	0.58	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.43	0.61	0.0	0.0	0.0	0.64	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.30	0.12	0.15	0.0	0.01	
15	0.0	0.09	0.19	0.0	0.0	0.0	0.0	0.49	0.11	0.89	0.0	0.0	
16	0.0	0.51	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.10	0.01	0.0	0.01	0.0	0.0	0.02	0.0	0.0	0.0	
18	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.32	0.0	0.20	0.0	0.0	0.0	0.45	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.11	0.0	0.0	0.0	
22	0.0	1.32	0.0	0.0	3.01	0.86	0.0	0.0	0.0	0.0	0.0	0.03	
23	0.0	0.0	0.0	0.0	0.38	0.16	0.0	0.0	0.0	0.0	0.0	0.08	
24	0.02	0.0	0.0	0.0	0.0	0.02	3.87	0.0	0.0	0.0	0.0	0.62	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.73	0.0	0.0	0.0	0.0	0.18	
26	0.0	0.0	0.12	0.0	0.0	0.0	1.01	0.11	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.54	0.25	0.08	0.0	0.0	0.09	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.21	0.0	1.08	0.0	1.25	0.0	0.0	0.0	0.0	0.18	
29	0.0	0.0	0.0	0.28	0.64	0.0	0.05	0.0	0.0	0.0	0.06	0.11	
30	0.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.88	2.79	1.84	1.65	7.47	2.68	9.87	1.37	2.13	1.17	0.77	1.26	
STA AV	0.98	1.26	2.16	2.91	3.99	2.30	2.55	3.12	3.78	2.92	1.16	0.92	

NOTES: Precipitation values obtained from two recording weighing type rain gages, Nos. 185 and 187. STA AV based on 11 yr (1965-75) record period.



1975 MEAN DAILY DISCHARGE (cfs)												CHICKASAW, OKLAHOMA WATERSHED C-5	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.106	0.016	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.002	0.044	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.028	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.0	0.0	0.0	0.036	0.0	0.006	0.005	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.0	0.0	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.002	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.003	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.395	0.0	0.0	0.440	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.004	0.0	0.0	0.322	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0 T	0.0	0.0	0.003	0.0	0.137	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.106	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.217	0.0	0.0	0.0	0.0	0.0	
27	0.0	0.0	0.023	0.0	0.0	0.0	0.018	0.0	0.0	0.0	0.0	0.0	
28	0.0	0.0	0.010	0.0	0.148	0.0	0.382	0.0	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.004	0.0	0.106	0.0	0.001	0.0	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.0 T	0.0	0.013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
MEAN	0.0035	0.0177	0.0016	0.0018	0.0239	0.0002	0.0280	0.0	0.0	0.0	0.0	0.0	
INCHES	0.201	0.926	0.094	0.103	1.561	0.011	1.620	0.0	0.0	0.0	0.0	0.0	
STA AV	0.070	0.106	0.380	0.230	0.453	0.160	0.150	0.039	0.149	0.404	0.048	0.001	

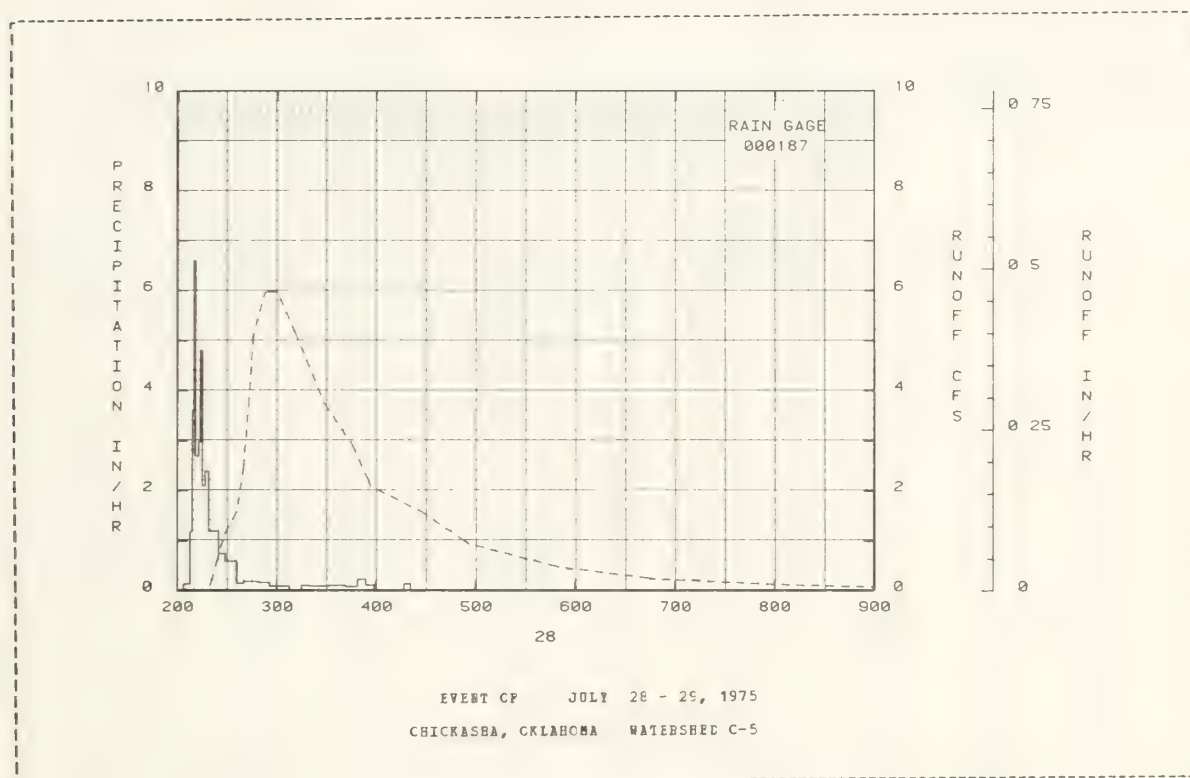
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.866796. STA AV based on 11 yr (1965-75) record period.

1975	SELECTED RUNOFF EVENT					CHICKASAW, OKLAHOMA		WATERSHED C-5			
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 28 - 29, 1975											
EG 000187			EG 000187								
7-28	0.0	0.0	7-28	204	0.0	0.0	7-28	213	0.0	0.0	
				208	0.1500	0.01		218	0.033	0.0001	
				209	1.2000	0.03		220	0.121	0.0003	
				210	3.6000	0.05		222	0.347	0.0009	
				211	6.6000	0.20		225	0.732	0.0030	
WATERSHED CONDITIONS:				213	2.7000	0.29		229	1.174	0.0080	
100% cultivation, continuous				214	3.0000	0.34		236	1.593	0.0205	
dry land wheat.				215	4.8000	0.42		240	2.475	0.0311	
				217	2.1000	0.49		243	3.731	0.0431	
				219	2.4000	0.57		246	5.159	0.0604	
				222	1.2000	0.63		253	5.581	0.1110	
				225	1.2000	0.69		300	5.981	0.1652	
				229	0.7500	0.74		311	5.159	0.2447	
				233	0.6000	0.78		329	3.731	0.3484	
				236	0.6000	0.81		346	2.855	0.4214	
				240	0.1500	0.82		357	2.054	0.4570	
				249	0.2000	0.85		427	1.593	0.5287	
				256	0.1714	0.87		456	0.937	0.5762	
				302	0.1000	0.88		550	0.480	0.6258	
				308	0.1000	0.89		648	0.239	0.6525	
				315	0.0	0.89		809	0.121	0.6718	
				320	0.1200	0.90		1000	0.078	0.6861	
				326	0.1000	0.91		1200	0.062	0.6970	
				332	0.1000	0.92		1343	0.039	0.7037	
				337	0.1200	0.93		1548	0.022	0.7087	
				342	0.1200	0.94		1833	0.011	0.7122	
				349	0.0857	0.95		2033	0.008	0.7137	
				354	0.2400	0.97		2400	0.006	0.7155	
				359	0.1200	0.98	7-29	233	0.004	0.7165	
				417	0.0	0.98		453	0.002	0.7171	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.07778.

1975 SELECTED RUNOFF EVENT			CHICKASAW, OKLAHOMA WATERSHED C-5							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP JULY 28 - 29, 1975 (CONTINUED)										
7-28	4.21	0.1500	0.55	7-29	700	0.0	0.7172			
	4.28	0.0	0.55							
	5.14	0.0261	1.01							
	5.35	0.0	1.01							
	5.53	0.0333	1.02							

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.07778.



## CHICKASHA, OKLAHOMA WATERSHED C-6

LOCATION: Grady County, Oklahoma; SW 1/4, sec. 35, R. 7 W., T. 7 N., about 3 miles Southeast of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 02 min. 00 sec. N.; Long. 97 deg. 54 min. 34 sec. W.

AREA: 13.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)							CHICKASHA, OKLAHOMA				WATERSEED C-6								
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	P	1.87	2.79	1.85	1.65	7.47	2.73	9.50	1.37	2.14	1.17	0.77	1.26	34.97					
	Q	0.166	0.814	0.056	0.062	1.693	0.008	1.425	0.0	0.0	0.0	0.0	0.0	4.224					
STA AV	P	0.98	1.26	2.15	2.93	3.99	2.30	2.55	3.13	3.79	2.92	1.16	0.92	26.06					
	Q	0.059	0.097	0.413	0.237	0.465	0.169	0.133	0.080	0.198	0.407	0.057	0.008	2.364					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7-26	0.569	7-26	0.418	7-28	0.556	5-22	0.885	5-22	1.254	5-23	1.343	5-23	1.343	5-23	1.343	5-23	1.693
MAXIMUMS FOR PERIOD OF RECORD																			
		10-2	0.877	10-2	0.776	10-2	1.123	10-2	1.695	10-2	1.761	10-2	1.763	10-30	1.769	5-24	1.841		
		1971		1971		1971		1971		1971		1971		1972		1973			

NOTES: Watershed conditions: 100% cropland, planted to wheat in fall of 1974 and harvested for grain in June 1975. Watershed was chiseled and moldboard plowed soon after harvest and remained in rough condition until about mid August 1975, when watershed was disked and spring-tooth harrowed, in preparation for seeding to wheat. Watershed was freshly spring-tooth and spike-tooth harrowed just prior to seeding wheat in mid Oct. 1975. For general description of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p.69.35-1. Maps - revised composite, p. 69.7-21; topography, p. 69.34-3 of foregoing reference. Monthly precipitation data obtained from Thiessen weighted rainfall values from two recording weighing type rain gages, Nos. 185 and 187. Precipitation and runoff record began May 1, 1965. STA AV based on 11 yr (1965-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)														CHICKASHA, OKLAHOMA WATERSHED C-6	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.14	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0			
2	0.90	0.32	0.0	0.0	0.68	0.0	0.0	0.38	0.0	0.0	0.19	0.0			
3	0.0	0.27	0.0	0.0	0.01	0.0	0.04	0.0	0.0	0.0	0.0	0.0			
4	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.43	0.0	0.05	0.05			
6	0.0	0.0	0.0	0.0	0.0	0.74	0.0	0.0	0.0	0.0	0.02	0.0			
7	0.0	0.0	0.0	0.68	0.0	0.11	2.35	0.0	0.0	0.0	0.0	0.0			
8	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0			
9	0.0	0.0	0.31	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0			
10	0.0	0.0	0.0	0.0	0.06	0.42	0.18	0.0	0.0	0.0	0.0	0.0			
11	0.0	0.0	0.09	0.0	0.03	0.0	0.0	0.0	0.58	0.0	0.0	0.0			
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0			
13	0.0	0.0	0.0	0.43	0.61	0.0	0.0	0.0	0.64	0.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.30	0.12	0.15	0.0	0.01			
15	0.0	0.09	0.19	0.0	0.0	0.0	0.0	0.49	0.11	0.89	0.0	0.0			
16	0.0	0.51	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0			
17	0.0	0.0	0.10	0.01	0.0	0.01	0.0	0.0	0.02	0.0	0.0	0.0			
18	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
19	0.0	0.0	0.0	0.0	0.32	0.0	0.21	0.0	0.0	0.0	0.45	0.0			
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
21	0.0	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.11	0.0	0.0	0.0			
22	0.0	1.32	0.0	0.0	3.01	0.87	0.0	0.0	0.0	0.0	0.0	0.03			
23	0.0	0.0	0.0	0.0	0.38	0.17	0.0	0.0	0.0	0.0	0.0	0.08			
24	0.02	0.0	0.0	0.0	0.0	0.02	3.88	0.0	0.0	0.0	0.0	0.62			
25	0.0	0.0	0.0	0.0	0.0	0.0	0.74	0.0	0.0	0.0	0.0	0.17			
26	0.0	0.0	0.12	0.0	0.0	0.0	0.99	0.11	0.0	0.0	0.0	0.0			
27	0.0	0.0	0.54	0.25	0.08	0.0	0.0	0.09	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.21	0.0	1.08	0.0	1.30	0.0	0.0	0.0	0.0	0.19			
29	0.0	0.0	0.0	0.28	0.64	0.0	0.09	0.0	0.0	0.0	0.06	0.11			
30	0.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
TOTAL	1.87	2.79	1.85	1.65	7.47	2.73	9.90	1.37	2.14	1.17	0.77	1.26			
STA AV	0.98	1.26	2.15	2.93	3.99	2.30	2.55	3.13	3.79	2.92	1.16	0.92			

NOTES: Precipitation values obtained from two recording weighing type rain gages, Nos. 185 and 187. STA AV based on 11 yr (1965-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASHA, OKLAHOMA WATERSHED C-6												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.032	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.090	0.015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.332	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.028	0.0	0.004	0.017	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.003	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.365	0.0	0.0	0.440	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.254	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.138	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.074	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.196	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.016	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.005	0.0	0.118	0.0	0.350	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.070	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0025	0.0159	0.0010	0.0011	0.0298	0.0001	0.0251	0.0	0.0	0.0	0.0	0.0
INCHES	0.166	0.814	0.056	0.062	1.693	0.008	1.425	0.0	0.0	0.0	0.0	0.0
STA AV	0.095	0.097	0.413	0.237	0.465	0.169	0.133	0.080	0.198	0.407	0.057	0.008

NOTES: To convert discharge in CFS to IN/DAY, multiply by 1.830896. STA AV based on 11 yr (1965-75) record period.

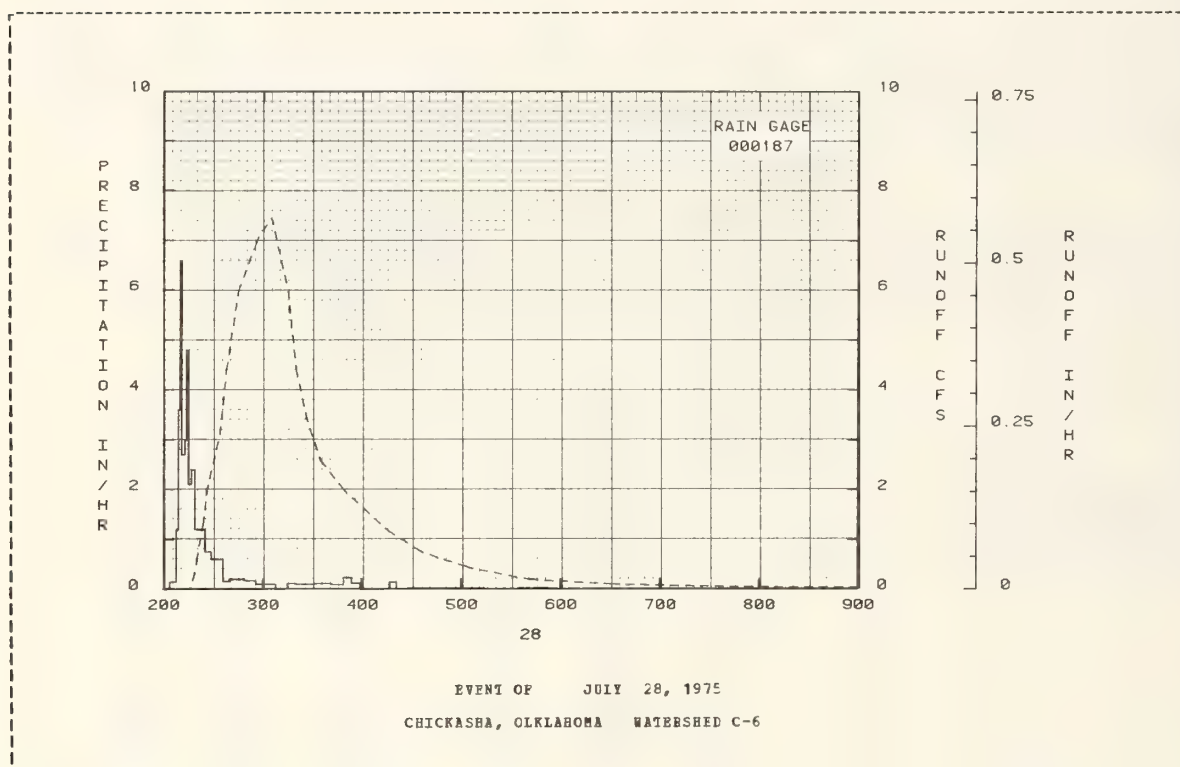
1975			SELECTED RUNOFF EVENT				CHICKASHA, OKLAHOMA				WATERSHED C-6	
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF JULY 28, 1975												
RG 000187			BG 000187									
7-28	0.0	0.0	7-28	204	0.0	0.0	7-28	215	0.0	0.0		
				208	0.1500	0.01		217	0.033	0.0000		
				209	1.2000	0.03		219	0.347	0.0005		
				210	3.6000	0.05		221	0.732	0.0019		
				211	6.6000	0.20		224	1.305	0.0058		
WATERSHED CONDITIONS:												
100% cultivation, continuous												
dry land wheat. Moldboard												
plowed previous July, disk												
harrowed three times and												
spring-toothed 3-5 inches												
deep.												
				213	2.7000	0.29		227	2.054	0.0122		
				214	3.0000	0.34		234	3.121	0.0355		
				215	4.8000	0.42		238	4.410	0.0546		
				217	2.1000	0.49		245	5.961	0.1008		
				219	2.4000	0.57		257	7.068	0.2004		
				222	1.2000	0.63		305	7.456	0.2743		
				225	1.2000	0.65		315	5.981	0.3597		
				229	0.7500	0.74		320	4.410	0.3927		
				233	0.6000	0.78		327	3.357	0.4273		
				236	0.6000	0.81		335	2.576	0.4574		
				240	0.1500	0.82		351	1.917	0.5031		
				249	0.2000	0.85		416	1.174	0.5523		
				256	0.1714	0.87		437	0.732	0.5777		
				302	0.1000	0.88		507	0.410	0.5995		
				308	0.1000	0.89		542	0.194	0.6129		
				315	0.0	0.89		631	0.100	0.6221		
				320	0.1200	0.90		725	0.062	0.6277		
				326	0.1000	0.91		910	0.033	0.6340		
				332	0.1000	0.92		1200	0.014	0.6391		
				337	0.1200	0.93		1245	0.008	0.6397		
				342	0.1200	0.94		1345	0.004	0.6402		
				349	0.0857	0.95		1435	0.002	0.6404		
				354	0.2400	0.97		1600	0.0	0.6405		
				359	0.1200	0.98						
				417	0.0	0.98						

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.07629.



1975 SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA WATERSHED C-6								
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)	
EVENT OF JULY 28, 1975 (CONTINUED)											
7-28	421	0.1500	0.99								
	428	0.0	0.59								
	514	0.0261	1.01								
	535	0.0	1.01								
	553	0.0333	1.02								

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.07629.



## CHICKASHA, OKLAHOMA WATERSHED C-7

LOCATION: Grady County, Oklahoma; SW 1/4, sec. 35, E. 7 W., T. 7 N., about 3 miles Southeast of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 02 min. 01 sec. N.; Long. 97 deg. 54 min. 38 sec. W.

AREA: 26.52 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								CHICKASHA, OKLAHOMA				WATERSHED C-7					
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.87	2.79	1.85	1.65	7.47	2.73	9.86	1.37	2.13	1.17	0.77	1.26	34.92			
	Q	0.0	0.078	0.0	0.0	0.465	0.015	3.031	0.0	0.0	0.0	0.0	0.0	3.585			
STA AV	P	0.96	1.26	2.14	2.91	3.97	2.31	2.53	3.12	3.78	2.52	1.16	0.92	28.00			
	Q	0.004	0.018	0.104	0.251	0.304	0.220	0.355	0.249	0.246	0.407	0.027	0.004	2.193			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		7- 7	0.237	7- 7	0.205	7-28	0.349	7-28	0.576	7-24	0.664	7-24	1.124	7-24	1.350	7-21	2.440
MAXIMUMS FOR PERIOD OF RECORD																	
		4-12	0.957	4-12	0.637	4-12	0.824	10- 2	1.379	10- 2	1.596	10-30	1.891	10-30	2.220	7-21	2.440
		1967		1967		1967		1971		1971		1972		1972		1975	

NOTES: Watershed conditions: 100% cropland. North portion was moldboard plowed in March, spring-tooth harrowed and planted to cotton early June. South portion of watershed was planted to grain and forage sorghums. Grain and forage sorghum harvested and disked Sept. For description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, pp.69.36-1 and 69.36-3. Monthly precipitation obtained from Thiessen weighted rainfall values from two recording weighing type rain gages, Nos. 185 and 187. Precipitation and runoff records began May 1, 1965. STA AV based on 11 yr (1965-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)													
CHICKASHA, OKLAHOMA WATERSHED C-7													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.14	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0
2	0.90	0.32	0.0	0.0	0.68	0.0	0.0	0.38	0.0	0.0	0.19	0.0	0.0
3	0.0	0.27	0.0	0.0	0.01	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.42	0.0	0.05	0.05	
6	0.0	0.0	0.0	0.0	0.0	0.74	0.0	0.0	0.0	0.0	0.02	0.0	0.0
7	0.0	0.0	0.0	0.68	0.0	0.11	2.40	0.0	0.0	0.0	0.0	0.0	0.0
8	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.31	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.06	0.42	0.18	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.09	0.0	0.03	0.0	0.0	0.0	0.58	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.43	0.61	0.0	0.0	0.0	0.64	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.30	0.12	0.15	0.0	0.01	
15	0.0	0.09	0.19	0.0	0.0	0.0	0.0	0.49	0.11	0.89	0.0	0.0	0.0
16	0.0	0.51	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.10	0.01	0.0	0.01	0.0	0.0	0.02	0.0	0.0	0.0	0.0
18	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.32	0.0	0.20	0.0	0.0	0.0	0.45	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.11	0.0	0.0	0.0	0.0
22	0.0	1.32	0.0	0.0	3.01	0.87	0.0	0.0	0.0	0.0	0.0	0.03	
23	0.0	0.0	0.0	0.0	0.38	0.17	0.0	0.0	0.0	0.0	0.0	0.08	
24	0.02	0.0	0.0	0.0	0.0	0.02	3.87	0.0	0.0	0.0	0.0	0.62	
25	0.0	0.0	0.0	0.0	0.0	0.0	0.73	0.0	0.0	0.0	0.0	0.17	
26	0.0	0.0	0.12	0.0	0.0	0.0	0.99	0.11	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.54	0.25	0.08	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.21	0.0	1.08	0.0	1.28	0.0	0.0	0.0	0.0	0.19	
29	0.0	0.0	0.0	0.28	0.64	0.0	0.05	0.0	0.0	0.0	0.06	0.11	
30	0.69	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	1.87	2.79	1.85	1.65	7.47	2.73	9.86	1.37	2.13	1.17	0.77	1.26	
STA AV	0.98	1.26	2.14	2.91	3.97	2.31	2.53	3.12	3.78	2.52	1.16	0.92	

NOTES: Precipitation values obtained from two recording weighing type rain gages, Nos. 185 and 187. STA AV based on 11 yr (1965-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED C-7												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.005	0.615	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.039	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.086	0.0	0.0	0.342	0.010	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0 T	0.0	0.0	0.164	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	1.197	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.287	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.395	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.074	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.009	0.0	0.764	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.004	0.0	0.002	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0	0.0031	0.0	0.0	0.0167	0.0006	0.1085	0.0	0.0	0.0	0.0	0.0
INCHES	0.0	0.078	0.0	0.0	0.465	0.015	3.031	0.0	0.0	0.0	0.0	0.0
STA AV	0.004	0.018	0.104	0.251	0.304	0.220	0.359	0.249	0.246	0.407	0.027	0.004

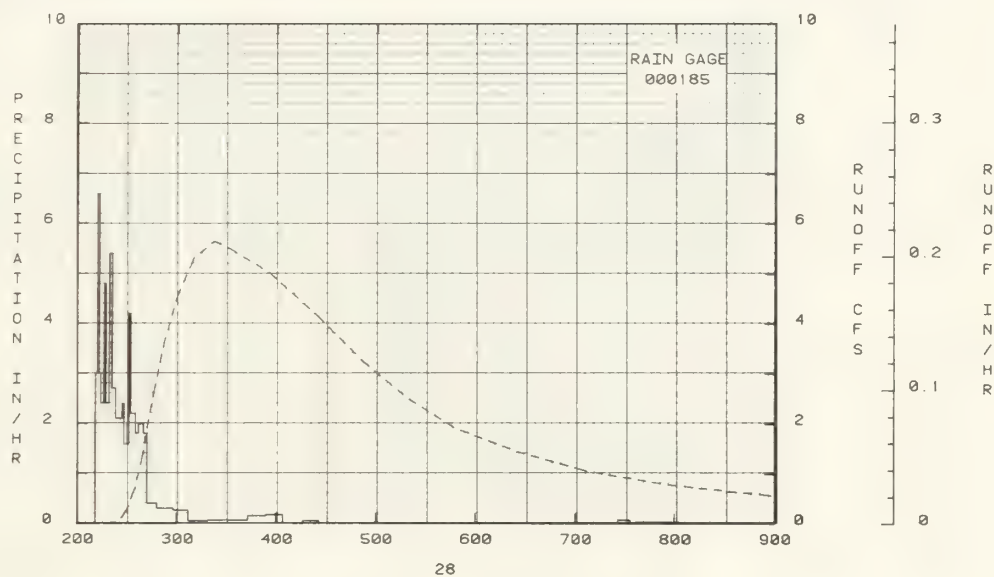
NOTES: To convert discharge in CFS to IN/DAY, multiply by 0.857496. STA AV based on 11 yr (1965-75) record period.

1975	SELECTED RUNOFF EVENT					CHICKASHA, OKLAHOMA		WATERSHED C-7			
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 28 - 29, 1975											
RG 000185			RG 000185								
7-28	0.0	0.0	7-28	211	0.0	0.0	7-28	220	0.0	0.0	
				212	3.0000	0.05		223	0.033	0.0000	
				213	6.6000	0.16		227	0.121	0.0002	
				214	3.0000	0.21		231	0.347	0.0008	
				216	2.4000	0.29		235	0.732	0.0021	
WATERSHED CONDITIONS:				217	4.8000	0.37		239	1.305	0.0047	
North portion of field in				219	2.4000	0.45		243	2.054	0.0089	
alfalfa. South portion of				220	5.4000	0.54		247	2.786	0.0150	
field in grain sorghum.				221	5.4000	0.63		253	3.731	0.0272	
				223	2.7000	0.72		300	4.554	0.0453	
				225	2.1000	0.75		310	5.318	0.0760	
				227	2.1000	0.86		322	5.644	0.1170	
				228	2.4000	0.50		332	5.479	0.1517	
				231	1.6000	0.58		356	5.003	0.2301	
				232	4.2000	1.05		425	4.130	0.3126	
				235	2.2000	1.16		452	3.238	0.3746	
				237	1.8000	1.22		520	2.475	0.4244	
				240	2.0000	1.32		547	1.917	0.4614	
				242	1.8000	1.38		625	1.445	0.5012	
				248	0.4000	1.42		707	1.051	0.5335	
				258	0.3000	1.47		757	0.780	0.5624	
				307	0.2667	1.51		858	0.557	0.5878	
				319	0.0500	1.52		1020	0.444	0.6134	
				343	0.0750	1.55		1200	0.318	0.6372	
				354	0.1636	1.58		1345	0.216	0.6546	
				404	0.1800	1.61		1610	0.112	0.6694	
				416	0.0	1.61		1830	0.070	0.6774	
				425	0.0667	1.62		2200	0.033	0.6841	
				518	0.0113	1.63		2400	0.018	0.6860	
				726	0.0	1.63	7-29	200	0.008	0.6870	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.03740.

1975 SELECTED RUNOFF EVENT			CHICKASAW, OKLAHOMA WATERSHED C-7						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF JULY 28 - 29, 1975 (CONTINUED)									
7-28			733		0.0857	1.64	7-29	320	0.004
			737		0.0	1.64		515	0.0
			803		0.0462	1.66			0.6874

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.03740.



EVENT OF JULY 28 - 29, 1975  
CHICKASAW, OKLAHOMA WATERSHED C-7



## CHICKASHA, OKLAHOMA WATERSHED C-8

LOCATION: Grady County, Oklahoma; SW 1/4, sec. 35, E. 7 W., T. 7 N., about 3-1/2 miles Southeast of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 01 min. 55 sec. N.; Long. 97 deg. 54 min. 25 sec. W.

AREA: 27.28 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)							CHICKASHA, OKLAHOMA WATERSHED C-8								
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	
1975	P	2.00	2.80	1.98	1.78	7.85	2.58	10.34	1.40	2.24	1.12	0.89	1.30	36.68	
	Q	0.101	0.447	0.000	0.0	1.209	0.004	2.889	0.0	0.0	0.0	0.0	0.0	4.650	
STA AV	P	1.01	1.29	2.23	2.89	4.09	2.38	2.64	3.16	3.82	3.07	1.22	0.95	26.75	
	Q	0.014	0.051	0.205	0.093	0.228	0.097	0.306	0.128	0.145	0.240	0.011	0.0	1.517	
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS															
	Maximum Discharge Date	1 Hour Date Vol.		2 Hours Date Vol.		6 Hours Date Vol.		12 Hours Date Vol.		1 Day Date Vol.		2 Days Date Vol.		8 Days Date Vol.	
1975	7-28 0.150	7-28 0.146	7-28 0.285	7-28 0.705	5-22 0.971	5-22 1.114	7-24 1.333	7-21 2.656							
MAXIMUMS FOR PERIOD OF RECORD															
	10-2 0.858	10-2 0.693	10-2 0.998	10-2 1.405	10-2 1.458	10-2 1.458	10-1 1.458	7-21 2.656							
	1971	1971	1971	1971	1971	1971	1971	1975							

NOTES: Watershed conditions: 100% cropland, entire watershed in alfalfa. For general description of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1965, USDA Misc. Pub. 1216, p. 69.37-1. Maps - revised composite, p. 69.7-21; topography, p. 69.37-5 of foregoing reference. Monthly precipitation obtained from Thiessen weighted rainfall values from two recording weighing type rain gages, Nos. 185 and 188. Precipitation and runoff records began April 1, 1965. STA AV based on 11 yr (1965-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)														CHICKASAW, OKLAHOMA WATERSHED C-8	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
1	0.14	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0			
2	0.94	0.33	0.0	0.0	0.66	0.0	0.0	0.41	0.0	0.0	0.23	0.0			
3	0.0	0.31	0.0	0.0	0.01	0.0	0.02	0.0	0.0	0.0	0.0	0.0			
4	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.44	0.0	0.04	0.05			
6	0.0	0.0	0.0	0.0	0.0	0.75	0.0	0.0	0.0	0.0	0.03	0.0			
7	0.0	0.0	0.0	0.69	0.0	0.16	2.15	0.0	0.0	0.0	0.0	0.0			
8	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0			
9	0.0	0.0	0.34	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0			
10	0.0	0.0	0.0	0.0	0.05	0.43	0.15	0.0	0.0	0.0	0.0	0.0			
11	0.0	0.0	0.08	0.0	0.03	0.0	0.0	0.0	0.58	0.0	0.0	0.0			
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.0			
13	0.0	0.0	0.0	0.44	0.63	0.0	0.0	0.0	0.68	0.0	0.0	0.0			
14	0.0	0.0	0.0	0.0	0.64	0.0	0.0	0.28	0.14	0.16	0.0	0.02			
15	0.0	0.12	0.20	0.0	0.0	0.0	0.0	0.55	0.15	0.85	0.0	0.0			
16	0.0	0.50	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0	0.0			
17	0.0	0.0	0.11	0.02	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0			
18	0.0	0.0	0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
19	0.0	0.0	0.0	0.0	0.34	0.0	0.24	0.0	0.0	0.0	0.51	0.0			
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
21	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.12	0.0	0.0	0.0			
22	0.0	1.23	0.0	0.0	3.21	0.56	0.0	0.0	0.0	0.0	0.0	0.05			
23	0.0	0.0	0.0	0.0	0.42	0.22	0.0	0.0	0.0	0.0	0.0	0.07			
24	0.03	0.0	0.0	0.0	0.0	0.03	3.98	0.0	0.0	0.0	0.0	0.62			
25	0.0	0.0	0.0	0.0	0.0	0.0	0.91	0.0	0.0	0.0	0.0	0.16			
26	0.0	0.0	0.12	0.0	0.0	0.0	0.97	0.05	0.0	0.0	0.0	0.0			
27	0.0	0.0	0.61	0.25	0.05	0.0	0.0	0.11	0.0	0.0	0.0	0.0			
28	0.0	0.0	0.21	0.0	1.11	0.0	1.71	0.0	0.0	0.0	0.0	0.21			
29	0.0	0.0	0.0	0.34	0.66	0.0	0.10	0.0	0.0	0.0	0.08	0.12			
30	0.74	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
31	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
TOTAL	2.00	2.80	1.98	1.78	7.85	2.58	10.34	1.40	2.24	1.12	0.89	1.30			
STA AV	1.01	1.29	2.23	2.89	4.09	2.38	2.64	3.16	3.82	3.07	1.22	0.95			

NOTES: Precipitation values obtained from two recording weighing type rain gages, Nos. 185 and 188. STA AV based on 11 yr (1965-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED C-E												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.115	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	3.001	0.035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.031	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.001	0.248	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.015	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.433	0.0	0.0	0.627	0.001	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.003	0.0	0.0	0.655	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.001	0.0	1.105	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.353	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.380	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.0	0.0	0.071	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.057	0.0	1.094	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.044	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0037	0.0183	0.0	0.0	0.0447	0.0001	0.1068	0.0	0.0	0.0	0.0	0.0
INCHES	0.101	0.447	0.000	0.0	1.205	0.004	2.885	0.0	0.0	0.0	0.0	0.0
STA AV	0.014	0.051	0.205	0.093	0.228	0.097	0.306	0.128	0.145	0.240	0.011	0.0

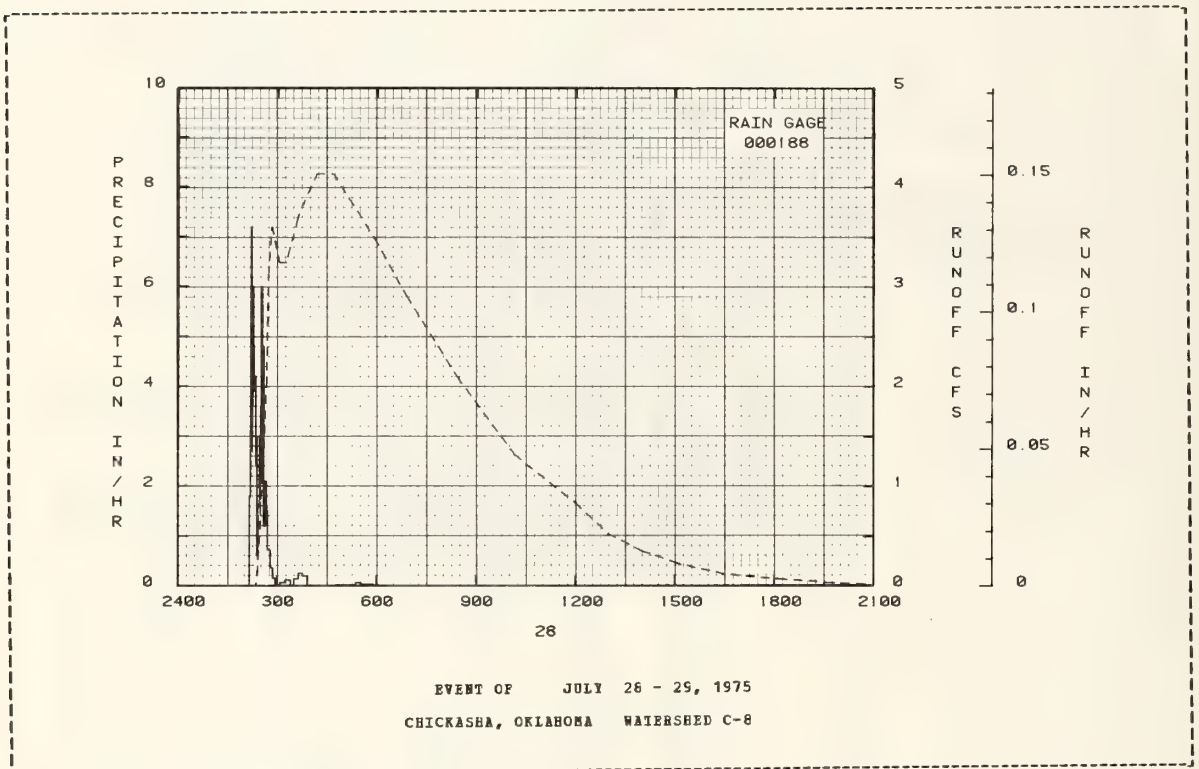
NOTES: To convert discharge in CPS to IN/DAY, multiply by 0.672495. STA AV based on 11 yr (1965-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASAW, OKLAHOMA WATERSHED C-E									
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT CP JULY 28 - 29, 1975									
7-28	0.0	0.0	7-28	210	0.0	0.0	7-28	220	0.0
				211	1.8000	0.03		222	0.033
				212	7.2000	0.15		224	0.121
				214	2.7000	0.24		226	0.347
				215	3.6000	0.30		229	0.732
				216	6.0000	0.40		235	1.305
				217	4.8000	0.48		240	2.094
				219	3.9000	0.61		243	3.121
				220	4.2000	0.66		249	3.604
				222	2.4000	0.76		303	3.258
				223	3.0000	0.81		315	3.238
				225	0.6000	0.83		338	3.731
				228	1.6000	0.51		410	4.130
				229	3.0000	0.56		440	4.130
				231	3.6000	1.08		555	3.475
				232	6.0000	1.18		653	2.855
				234	2.1000	1.25		825	2.094
				235	4.8000	1.33		1010	1.305
				238	1.2000	1.35		1200	0.830
				240	2.1000	1.46		1300	0.517
				242	1.5000	1.51		1400	0.347
				247	0.7200	1.57		1510	0.216
				252	0.3600	1.60		1630	0.121
				256	0.1500	1.61		1810	0.070
				305	0.0	1.61		1950	0.033
				314	0.0667	1.62		2150	0.014
				324	0.1200	1.64		2400	0.006
				331	0.0	1.64	7-29	330	0.0
				339	0.1500	1.66			
				346	0.2571	1.69			

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.05636.

1975			SELECTED RUNOFF EVENT			CHICKASHA, OKLAHOMA			WATERSHED C-8		
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JULY 28 - 29, 1975 (CONTINUED)											
7-28			355		0.2000	1.72					
			449		0.0111	1.73					
			522		0.0182	1.74					
			531		0.0667	1.75					
			554		0.0261	1.76					
			637		0.0140	1.77					

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.05636.



## CHICKASHA, OKLAHOMA WATERSHED E-5

LOCATION: Grady County, Oklahoma; SW 1/4, sec. 12, T. 7 N., R. 6 W., about 8 miles east and 3 miles north of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 05 min. 21 sec. N.; Long. 97 deg. 47 min. 25 sec. W.

AREA: 23.72 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								CHICKASHA, OKLAHOMA WATERSHED E-5									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.81	2.23	1.55	3.11	8.19	4.98	3.59	1.33	2.18	1.19	0.83	1.12	32.91			
	Q	0.062	0.088	0.014	0.151	1.459	0.507	0.0	0.0	0.0	0.0	0.0	0.0	2.281			
STA AV	P	1.05	1.26	2.18	3.08	4.78	3.05	2.56	2.69	4.19	3.47	1.60	1.10	31.01			
	Q	0.042	0.028	0.243	0.200	0.458	0.315	0.032	0.004	0.054	0.227	0.108	0.025	1.780			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		5-22	0.863	5-22	0.492	5-22	0.598	5-22	0.988	5-22	1.365	5-22	1.411	5-21	1.411	5-22	1.452
MAXIMUMS FOR PERIOD OF RECORD																	
		5-24	2.637	5-24	1.576	5-24	1.760	5-24	1.755	5-24	1.800	5-24	1.800	5-22	1.806	5-24	2.035
1973				1973		1973		1973		1973		1973		1973		1973	

NOTES: Watershed conditions: 100% rangeland, native grass rangeland, continuously grazed by beef cattle during recent years. Fence condition class during 1975 was good, however, entire area was fertilized with 776 lbs./acre of 10-20-10 on May 15, 1975. Livestock were excluded until Aug. 19. The vegetative cover in early November 1975, based on 25 clipped samples uniformly spaced, averaged 6,275 lbs. of standing grass, 14 lbs. of weeds, and 2,071 lbs. of mulch per acre. Prior to Oct. 1970 this watershed was within the same pasture area as Watershed E-6, however, was subjected to a slightly heavier grazing rate. For general description of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, p. 69.42-1; maps - topography, 1966, p. 69.42-3 of foregoing reference; revised composite, 1965, USDA Misc. Pub. 1216, p. 69.7-21. Monthly precipitation obtained from Thiessen weighted rainfall values from two gages, Nos. 195 and 196. Precipitation and runoff records began July 1, 1966. STA AV based on 10 yr (1966-75) record period. For long-time precipitation record see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)													CHICKASHA, OKLAHOMA WATERSHED E-5	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
1	0.08	0.25	0.0	0.0	0.0	0.0	0.0	0.06	0.0	0.16	0.0	0.0		
2	0.84	0.31	0.0	0.0	0.54	0.0	0.0	0.06	0.0	0.0	0.18	0.0		
3	0.0	0.29	0.0	0.0	0.01	0.0	0.03	0.0	0.0	0.0	0.0	0.0		
4	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
5	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.49	0.0	0.13	0.05		
6	0.0	0.0	0.0	0.0	0.0	0.67	0.0	0.0	0.0	0.0	0.04	0.0		
7	0.0	0.0	0.0	0.95	0.0	0.07	0.52	0.0	0.0	0.0	0.0	0.0		
8	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0		
9	0.0	0.0	0.31	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0		
10	0.0	0.0	0.0	0.0	0.0	1.08	0.48	0.0	0.0	0.0	0.0	0.0		
11	0.0	0.0	0.15	0.0	0.06	0.0	0.0	0.0	0.60	0.0	0.0	0.0		
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.26	0.0	0.0	0.0		
13	0.0	0.0	0.0	0.47	1.13	0.0	0.0	0.0	0.42	0.0	0.0	0.0		
14	0.0	0.0	0.0	0.0	0.36	0.0	0.0	0.49	0.20	0.15	0.0	0.01		
15	0.0	0.08	0.13	0.0	0.0	0.0	0.0	0.10	0.0	0.88	0.0	0.0		
16	0.0	0.52	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.0		
17	0.0	0.0	0.10	0.03	0.0	0.45	0.0	0.34	0.09	0.0	0.0	0.0		
18	0.0	0.0	0.30	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
19	0.0	0.0	0.0	0.0	0.41	0.0	0.0	0.0	0.0	0.0	0.44	0.0		
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
21	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.12	0.0	0.0	0.0		
22	0.0	0.70	0.0	0.04	3.52	0.78	0.0	0.0	0.0	0.0	0.0	0.02		
23	0.0	0.0	0.0	0.0	0.59	1.28	0.0	0.0	0.0	0.0	0.0	0.07		
24	0.02	0.0	0.0	0.0	0.0	0.0	1.66	0.0	0.0	0.0	0.0	0.58		
25	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.19		
26	0.0	0.0	0.10	0.0	0.0	0.0	0.62	0.0	0.0	0.0	0.0	0.0		
27	0.0	0.0	0.65	0.45	0.09	0.0	0.0	0.28	0.0	0.0	0.0	0.0		
28	0.0	0.0	0.17	0.0	0.55	0.0	0.07	0.0	0.0	0.0	0.0	0.12		
29	0.0	0.0	0.0	1.14	0.53	0.0	0.07	0.0	0.0	0.0	0.04	0.08		
30	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
31	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	1.81	2.23	1.95	3.11	8.19	4.98	3.95	1.33	2.18	1.19	0.83	1.12		
STA AV	1.05	1.26	2.18	3.08	4.78	3.05	2.56	2.69	4.19	3.47	1.60	1.10		

NOTES: Precipitation obtained from Thiessen weighted values from two gages, Nos. 195 and 196. STA AV based on 10 yr (1966-75) record period.



1975 MEAN DAILY DISCHARGE (cfs) CHICKASHA, OKLAHOMA WATERSHED R-5												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.061	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.026	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.036	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.077	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.020	0.0	0.0	0.595	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.412	0.426	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.104	0.029	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0020	0.0031	0.0005	0.0050	0.0469	0.0168	0.0	0.0	0.0	0.0	0.0	0.0
INCHES	0.062	0.088	0.014	0.151	1.459	0.507	0.0	0.0	0.0	0.0	0.0	0.0
STA AV	0.042	0.028	0.243	0.200	0.498	0.319	0.032	0.004	0.054	0.227	0.108	0.025

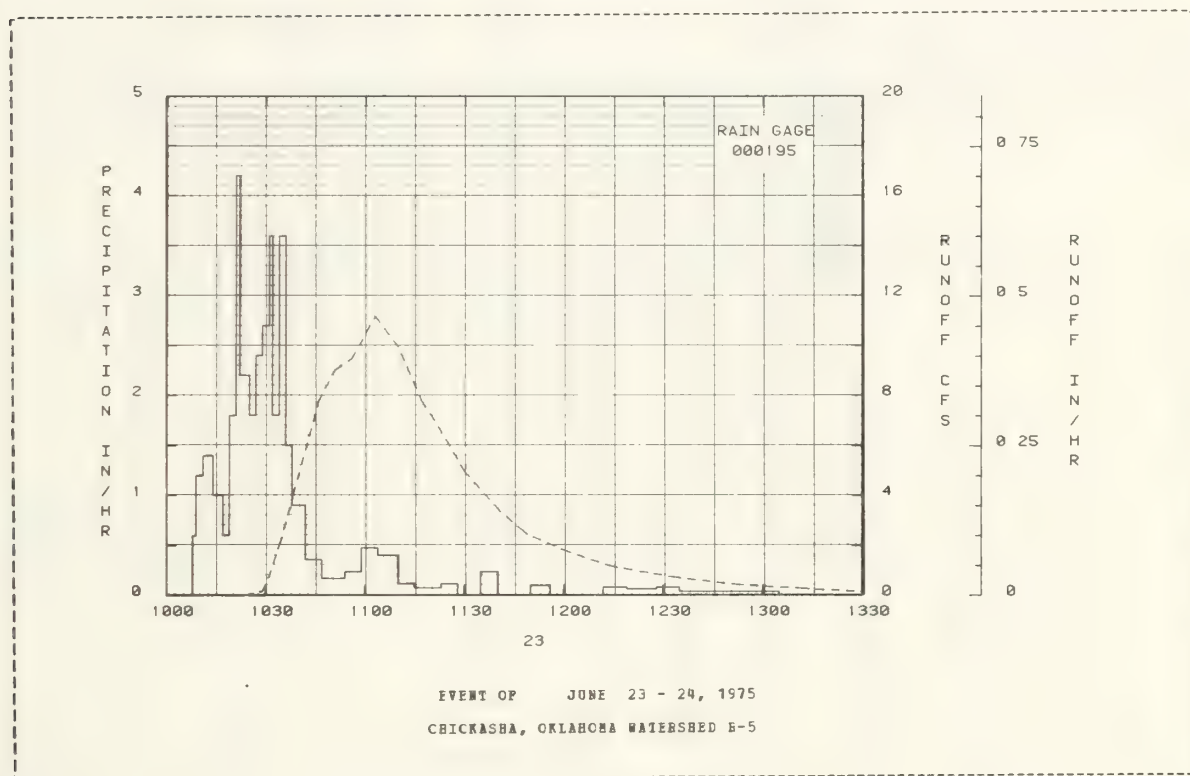
NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.003442. STA AV based on 10 yr (1966-75) record period.

1975 SELECTED RUNOFF EVENT CHICKASHA, OKLAHOMA WATERSHED R-5											
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JUNE 23 - 24, 1975											
RG 000195			EG 000195								
6-23	0.0	0.0	6-23	1008	0.0	0.0	6-23	1019	0.0	0.0	
				1009	0.6000	0.01		1024	0.032	0.0001	
				1011	1.2000	0.05		1029	0.174	0.0004	
				1014	1.4000	0.12		1031	0.728	0.0010	
				1017	1.0000	0.17		1035	2.356	0.0053	
WATERSHED CONDITIONS: 100% rangeland, native grass rangeland, continuously grazed by beef cattle during recent years.				1019	0.6000	0.15		1039	4.365	0.0147	
				1021	1.8000	0.25		1046	7.775	0.0443	
				1022	4.2000	0.32		1051	9.038	0.0736	
				1025	2.2000	0.43		1056	5.485	0.1059	
				1027	1.8000	0.49		1103	11.150	0.1562	
				1029	2.4000	0.57		1110	9.945	0.2077	
				1031	2.7000	0.66		1117	7.775	0.2505	
				1032	3.6000	0.72		1121	6.997	0.2715	
				1034	1.8000	0.78		1130	4.956	0.3090	
				1036	3.6000	0.90		1141	3.328	0.3407	
				1038	1.5000	0.95		1149	2.454	0.3568	
				1042	0.9000	1.01		1200	1.819	0.3732	
				1047	0.3600	1.04		1214	1.167	0.3878	
				1054	0.1714	1.06		1233	0.728	0.4003	
				1059	0.2400	1.08		1252	0.442	0.4081	
				1104	0.4800	1.12		1314	0.263	0.4135	
				1110	0.4000	1.16		1345	0.155	0.4180	
				1115	0.1200	1.17		1436	0.068	0.4219	
				1123	0.0750	1.18		1544	0.032	0.4243	
				1128	0.1200	1.15		1739	0.011	0.4260	
				1135	0.0	1.19		1914	0.005	0.4266	
				1140	0.2400	1.21		2149	0.002	0.4269	
				1150	0.0	1.21		2400	0.001	0.4271	
				1156	0.1000	1.22		359	0.0	0.4272	
				1212	0.0	1.22		919	0.0	0.4272	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.041810.

CHICKASHA, OKLAHOMA WATERSHED E-5										
1975 SELECTED RUNOFF EVENT										
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 23 - 24, 1975 (CONTINUED)										
6-23				1219	0.0857	1.23	6-24	1150	0.0	0.4272
				1228	0.0667	1.24				
				1235	0.0857	1.25				
				1250	0.0400	1.26				
				1305	0.0400	1.27				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.041810.



LOCATION: Grady County, Oklahoma; SW 1/4, sec. 12, T. 7 N., R. 6 W., about 8-1/2 miles east and 3 miles north of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 05 min. 18 sec. N.; Long. 97 deg. 47 min. 20 sec. W.

AREA: 27.22 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED E-6													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	1.81	2.27	1.83	3.14	6.06	4.78	3.86	1.21	2.10	1.19	0.79	1.09	32.13													
	Q	0.065	0.062	0.049	0.274	1.753	0.631	0.070	0.0	0.0	0.0	0.0	0.0	2.904													
STA AV	P	1.05	1.27	2.14	3.04	4.80	3.00	2.54	2.68	4.22	3.41	1.60	1.09	30.85													
	Q	0.021	0.020	0.213	0.230	0.589	0.300	0.038	0.021	0.068	0.214	0.055	0.013	1.823													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge Date	Rate	1 Hour Date	Vol.	2 Hours Date	Vol.	6 Hours Date	Vol.	12 Hours Date	Vol.	1 Day Date	Vol.	2 Days Date	Vol.	8 Days Date	Vol.										
1975		5-22	1.066	5-22	0.614	5-22	0.710	5-22	1.170	5-22	1.572	5-22	1.605	5-21	1.606	5-22	1.707										
MAXIMUMS FOR PERIOD OF RECORD																											
		5-24	3.829	5-24	1.914	5-24	2.048	5-24	2.060	5-24	2.060	5-23	2.060	5-22	2.116	5-24	2.384										
		1973		1973		1973		1973		1973		1973		1973		1973											

NOTES: Watershed conditions: 100% rangeland, native grass continuously grazed by beef cattle during recent years. Range condition class during the year was good to excellent, however, entire area was slightly overgrazed throughout the year. The vegetative cover in mid-Nov. 1975, based on 25 uniformly spaced clipped samples, averaged 2,947 pounds of standing grass, 574 pounds of weeds, and 1,318 pounds of mulch. This watershed was in the same pasture area as Watershed E-5, however, was subjected to a slightly lighter grazing rate. For general description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, pp. 69.43-1 and 69.43-3. Monthly precipitation obtained from Thiessen weighted rainfall values from two gages, Nos. 196 and 197. Precipitation and runoff records began July 1, 1966. STA AV based on 10 yr (1966-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Oklahoma.

1975 DAILY PRECIPITATION (inches)														CHICKASHA, OKLAHOMA WATERSHED E-6													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.09	0.24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.0	0.0														
2	0.84	0.32	0.0	0.0	0.54	0.0	0.0	0.11	0.0	0.0	0.17	0.0	0.0														
3	0.0	0.28	0.0	0.0	0.02	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0														
4	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
5	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.43	0.0	0.13	0.05															
6	0.0	0.0	0.0	0.0	0.0	0.68	0.0	0.0	0.0	0.0	0.02	0.0	0.0														
7	0.0	0.0	0.0	0.94	0.0	0.08	0.86	0.0	0.0	0.0	0.0	0.0	0.0														
8	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
9	0.0	0.0	0.30	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0														
10	0.0	0.0	0.0	0.0	0.0	1.07	0.49	0.0	0.0	0.0	0.0	0.0	0.0														
11	0.0	0.0	0.14	0.0	0.06	0.0	0.0	0.0	0.59	0.0	0.0	0.0	0.0														
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0														
13	0.0	0.0	0.0	0.43	1.10	0.0	0.0	0.0	0.43	0.0	0.0	0.0	0.0														
14	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.43	0.22	0.15	0.0	0.01	0.0														
15	0.0	0.08	0.13	0.0	0.0	0.0	0.0	0.09	0.0	0.88	0.0	0.0	0.0														
16	0.0	0.52	0.0	0.0	0.0	0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
17	0.0	0.0	0.09	0.03	0.0	0.53	0.0	0.30	0.08	0.0	0.0	0.0	0.0														
18	0.0	0.0	0.30	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
19	0.0	0.0	0.0	0.0	0.0	0.39	0.0	0.0	0.0	0.0	0.43	0.0	0.0														
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
21	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.10	0.0	0.0	0.0	0.0														
22	0.0	0.73	0.0	0.04	3.47	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.02														
23	0.0	0.0	0.0	0.0	0.59	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.07														
24	0.02	0.0	0.0	0.0	0.0	0.0	0.0	1.65	0.0	0.0	0.0	0.58	0.0														
25	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.18															
26	0.0	0.0	0.07	0.0	0.0	0.0	0.57	0.0	0.0	0.0	0.0	0.0	0.0														
27	0.0	0.0	0.62	0.42	0.10	0.0	0.0	0.28	0.0	0.0	0.0	0.0	0.0														
28	0.0	0.0	0.18	0.0	0.94	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.13														
29	0.0	0.0	0.0	1.26	0.50	0.0	0.06	0.0	0.0	0.0	0.04	0.05															
30	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0														
31	0.11		0.0		0.0		0.0					0.0															
TOTAL	1.81	2.27	1.83	3.14	6.06	4.78	3.86	1.21	2.10	1.19	0.79	1.09															
STA AV	1.05	1.27	2.14	3.04	4.80	3.00	2.54	2.68	4.22	3.41	1.60	1.09															

NOTES: Precipitation obtained from Thiessen weighted rainfall values from two gages, Nos. 196 and 197. STA AV based on 10 yr (1966-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED E-6												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.001	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0
2	0.075	0.006	0.0	0.0	0.010	0.001	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.024	0.0	0.0	0.001	0.001	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.007	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.018	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.086	0.0	0.017	0.044	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.001	0.0	0.005	0.0 T	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.221	0.004	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0 T	0.025	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.006	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.078	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.032	0.0	0.0	1.363	0.038	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.474	0.329	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.001	0.002	0.024	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.001	0.0 T	0.0 T	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0 T	0.0	0.008	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.057	0.001	0.0 T	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0 T	0.062	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.0	0.221	0.050	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.003	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0024	0.0025	0.0018	0.0104	0.0647	0.0241	0.0026	0.0	0.0	0.0	0.0	0.0
INCHES	0.065	0.062	0.049	0.274	1.753	0.631	0.070	0.0	0.0	0.0	0.0	0.0
STA AV	0.021	0.020	0.213	0.230	0.589	0.300	0.038	0.021	0.068	0.214	0.095	0.013

NOTES: To convert discharge in CFS to IN/DAY, multiply by 0.874418. STA AV based on 10 yr (1966-75) record period.

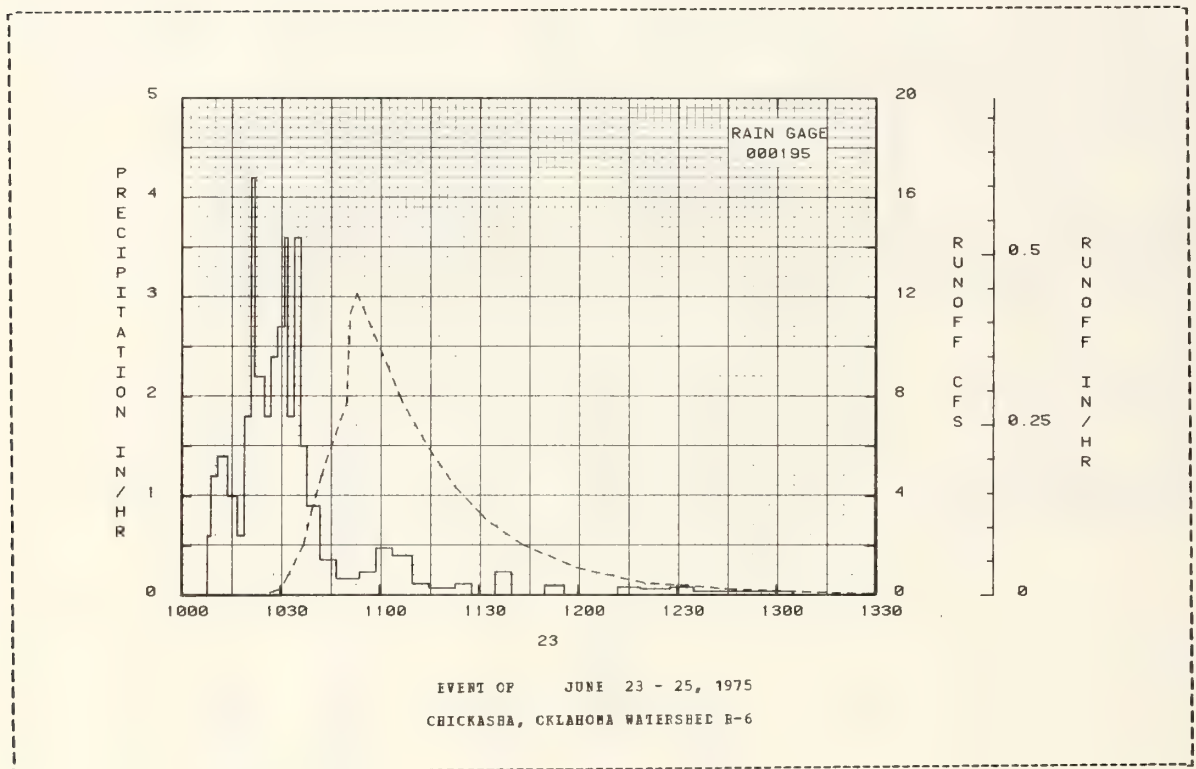
1975			SELECTED RUNOFF EVENT			CHICKASAW, OKLAHOMA WATERSHED E-6					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JUNE 23 - 25, 1975											
RG 000195			EG 000195								
6-23	0.0	0.0	6-23	1008	0.0	0.0	6-23	1012	0.0	0.0	
				1009	0.6000	0.01		1020	0.0	0.0	
				1011	1.2000	0.05		1023	0.005	0.0	
				1014	1.4000	0.12		1025	0.048	0.0000	
				1017	1.0000	0.17		1027	0.136	0.0001	
WATERSHED CONDITIONS: 100% rangeland, native grass continuously grazed by beef cattle during recent years.				1019	0.6000	0.15		1030	0.287	0.0005	
				1021	1.8000	0.25		1032	0.723	0.0011	
				1022	4.2000	0.32		1037	2.064	0.0054	
				1025	2.2000	0.43		1040	3.676	0.0106	
				1027	1.8000	0.45		1043	5.062	0.0166	
				1029	2.4000	0.57		1050	7.739	0.0456	
				1031	2.7000	0.66		1051	11.370	0.0516	
				1032	3.6000	0.72		1053	12.140	0.0659	
				1034	1.8000	0.78		1103	8.999	0.1301	
				1036	3.6000	0.50		1107	7.739	0.1504	
				1038	1.5000	0.95		1115	5.852	0.1835	
				1042	0.5000	1.01		1123	4.344	0.2084	
				1047	0.3600	1.04		1132	3.075	0.2287	
				1054	0.1714	1.06		1143	2.064	0.2458	
				1059	0.2400	1.06		1200	1.058	0.2621	
				1104	0.4800	1.12		1220	0.512	0.2719	
				1110	0.4000	1.16		1248	0.237	0.2783	
				1115	0.1200	1.17		1315	0.120	0.2812	
				1123	0.0750	1.18		1352	0.057	0.2832	
				1128	0.1200	1.19		1500	0.020	0.2848	
				1135	0.0	1.19		1652	0.011	0.2858	
				1140	0.2400	1.21		2012	0.005	0.2868	
				1150	0.0	1.21		2400	0.003	0.2874	
				1156	0.1000	1.22	6-24	1200	0.002	0.2885	
				1212	0.0	1.22		2400	0.001	0.2891	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.036434.



1975 SELECTED RUNOFF EVENT			CHICKASAW, OKLAHOMA WATERSHED R-6						
ANTECEDENT CONDITIONS			RAINFALL			FURCPF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF JUNE 23 - 25, 1975 (CONTINUED)									
6-23	1219	0.0857	1.23	6-25	1200	0.0	0.2893		
	1228	0.0667	1.24		1630	0.0	0.2893		
	1235	0.0857	1.25		1930	0.0	0.2893		
	1250	0.0400	1.26						
	1305	0.0400	1.27						

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.036434.



## CHICKASHA, OKLAHOMA WATERSHED E-7

LOCATION: Grady County, Oklahoma; NW 1/4, sec. 13, T. 7 N., E. 6 W., about 8 miles east and 2-1/2 miles north of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 04 min. 58 sec. N.; Long. 97 deg. 47 min. 27 sec. W.

AREA: 19.19 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED E-7													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	1.75	2.17	1.85	3.10	7.82	4.63	3.69	1.27	2.18	1.08	0.75	1.08	31.41													
	Q	0.324	0.307	0.149	0.650	2.657	1.018	0.048	0.0	0.0	0.0	0.0	0.0	5.153													
STA AV	P	1.03	1.20	2.06	2.97	4.66	2.59	2.46	2.68	4.10	3.26	1.52	1.05	29.67													
	Q	0.162	0.131	0.385	0.710	1.222	0.738	0.257	0.271	0.641	0.835	0.328	0.072	5.752													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge Date	1 Hour Date	2 Hours Date	6 Hours Date	12 Hours Date	1 Day Date	2 Days Date	8 Days Date																		
1975		5-22	1.709	5-22	0.975	5-22	1.126	5-22	1.770	5-22	2.126	5-22	2.133	5-21	2.133	5-21	2.366										
MAXIMUMS FOR PERIOD OF RECORD																											
		5-24	5.059	5-24	2.185	5-24	2.311	5-24	2.320	5-24	2.320	10-30	2.362	11-10	2.568	5-24	3.705										
		1975		1973		1973		1973		1973		1972		1972		1973											

NOTES: Watershed conditions: Formerly cultivated from about 1907 until about 1935 when the land use was changed to pasture because of severe erosion. Range condition class during the year was poor to fair. On May 19, 1975 entire watershed was fertilized with 740 lbs. 10-20-10. Livestock were excluded until Oct. 4, 1975. The vegetative cover in mid-Nov. 1975 based on 25 uniformly spaced clipped samples, averaged 1,836 pounds of standing grass, 1,490 pounds of weeds, and 823 pounds per acre of mulch. Prior to Oct. 1970, this watershed was within the same pasture area as Watershed E-6, however, it was enclosed by separate fence in order to implement an improved management program. For general description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, pp. 69.44-1 and 69.44-3. Monthly precipitation obtained from Thiessen weighted rainfall values from two gages, Nos. 193 and 194. Precipitation and runoff records began July 1, 1966. STA AV based on 10 yr (1966-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Okla.

1975 DAILY PRECIPITATION (inches)														CHICKASHA, OKLAHOMA WATERSHED F-7													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.10	0.24	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.11	0.0	0.0															
2	0.62	0.29	0.0	0.0	0.59	0.0	0.0	0.05	0.0	0.0	0.19	0.0															
3	0.0	0.27	0.0	0.0	0.02	0.0	0.03	0.0	0.0	0.0	0.0	0.0															
4	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
5	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.10	0.04															
6	0.0	0.0	0.0	0.0	0.0	0.62	0.0	0.0	0.0	0.0	0.02	0.0															
7	0.0	0.0	0.0	0.65	0.0	0.10	0.66	0.0	0.0	0.0	0.0	0.0															
8	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0															
9	0.0	0.0	0.31	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0															
10	0.0	0.0	0.0	0.0	0.0	1.14	0.51	0.0	0.0	0.0	0.0	0.0															
11	0.0	0.0	0.15	0.0	0.05	0.0	0.0	0.0	0.53	0.0	0.0	0.0															
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.0	0.0															
13	0.0	0.0	0.0	0.40	1.05	0.0	0.0	0.0	0.44	0.0	0.0	0.0															
14	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.47	0.22	0.13	0.0	0.01															
15	0.0	0.07	0.13	0.0	0.0	0.0	0.0	0.09	0.0	0.84	0.0	0.0															
16	0.0	0.52	0.0	0.0	0.0	0.46	0.0	0.0	0.0	0.0	0.0	0.0															
17	0.0	0.0	0.09	0.02	0.0	0.38	0.0	0.23	0.04	0.0	0.0	0.0															
18	0.0	0.0	0.30	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
19	0.0	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.0	0.0	0.41	0.0															
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
21	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.11	0.0	0.0	0.0															
22	0.0	0.69	0.0	0.01	3.33	0.60	0.0	0.0	0.0	0.0	0.0	0.03															
23	0.0	0.0	0.0	0.0	0.55	0.89	0.0	0.0	0.0	0.0	0.0	0.09															
24	0.01	0.0	0.0	0.0	0.0	0.0	1.59	0.0	0.0	0.0	0.0	0.54															
25	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.19															
26	0.0	0.0	0.08	0.0	0.0	0.0	0.56	0.0	0.0	0.0	0.0	0.0															
27	0.0	0.0	0.62	0.46	0.08	0.0	0.0	0.33	0.0	0.0	0.0	0.0															
28	0.0	0.0	0.17	0.0	0.87	0.0	0.11	0.0	0.0	0.0	0.0	0.11															
29	0.0	0.0	0.0	1.30	0.51	0.0	0.10	0.0	0.0	0.0	0.03	0.07															
30	0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
31	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
TOTAL	1.79	2.17	1.85	3.10	7.82	4.63	3.69	1.27	2.18	1.08	0.75	1.08															
STA AV	1.03	1.20	2.06	2.97	4.66	2.59	2.46	2.68	4.10	3.26	1.52	1.05															

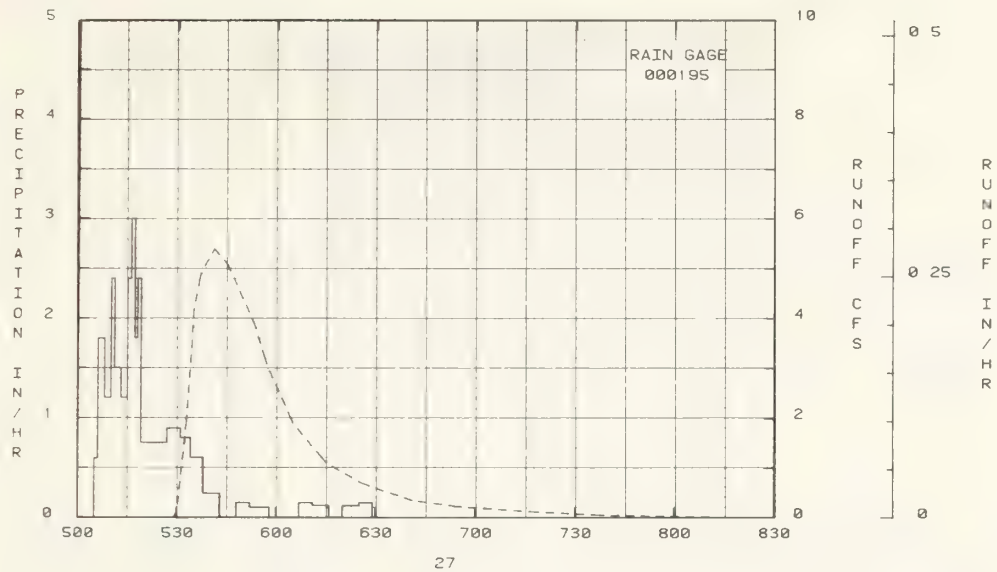
NOTES: Precipitation obtained from Thiessen weighted rainfall values from two gages, Nos. 193 and 194. STA AV based on 10 yr (1966-75) record period.

1975 MEAN DAILY DISCHARGE (cfs) CHICKASAW, OKLAHOMA WATERSHED F-7												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.029	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.251	0.039	0.0	0.0	0.068	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.064	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.030	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.207	0.0	0.002	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0 T	0.0	0.019	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.414	0.001	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.111	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.055	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.010	0.0	0.0	0.0	0.067	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.097	0.0	0.0	1.450	0.030	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.270	0.259	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.019	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0	0.0	0.0	0.0	0.018	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.120	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.0	0.131	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.308	0.054	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.007	0.0	0.0	0.004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	0.0084	0.0086	0.0039	0.0175	0.0691	0.0274	0.0012	0.0	0.0	0.0	0.0	0.0
INCHES	0.324	0.307	0.149	0.650	2.657	1.018	0.048	0.0	0.0	0.0	0.0	0.0
STA AV	0.162	0.131	0.385	0.710	1.222	0.738	0.257	0.271	0.641	0.835	0.328	0.072

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 1.240315. STA AV based on 10 yr (1966-75) record period.

1975			SELECTED RUNOFF EVENT			CHICKASAW, OKLAHOMA WATERSHED E-7					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF MARCH 27, 1975											
RG 000195			RG 000195								
3-27	0.0	0.0	3-27	505	0.0	0.0	3-27	529	0.0	0.0	
				506	0.6000	0.01		530	0.120	0.0001	
				508	1.8000	0.07		531	0.721	0.0004	
				510	1.2000	0.11		533	2.058	0.0028	
				511	2.4000	0.15		535	4.152	0.0082	
WATERSHED CONDITIONS: Range condition class during the year was poor to fair.				513	1.5000	0.20		537	4.914	0.0160	
				514	1.2000	0.22		541	5.381	0.0338	
				515	1.2000	0.24		545	5.067	0.0518	
				516	2.4000	0.28		553	3.923	0.0827	
				517	3.0000	0.33		557	3.066	0.0948	
				518	1.8000	0.36		605	1.885	0.1118	
				519	2.4000	0.40		615	1.054	0.1246	
				523	0.7500	0.45		626	0.675	0.1330	
				527	0.7500	0.50		641	0.342	0.1396	
				531	0.9000	0.56		656	0.213	0.1432	
				534	0.8000	0.60		717	0.120	0.1462	
				538	0.6000	0.64		739	0.047	0.1478	
				543	0.2400	0.66		819	0.011	0.1488	
				548	0.0	0.66		857	0.003	0.1490	
				552	0.1500	0.67		949	0.001	0.1491	
				558	0.1000	0.68		1029	0.0	0.1491	
				607	0.0	0.68		1200	0.0	0.1491	
				611	0.1500	0.69		1210	0.0	0.1491	
616	0.1200	0.70									
620	0.0	0.70									
625	0.1200	0.71									
629	0.1500	0.72									

NOTES: To convert CFS to IN/HR, multiply by 0.051680.



EVENT OF MARCH 27, 1975  
CHICKASHA, OKLAHOMA WATERSHED E-7



## CHICKASHA, OKLAHOMA WATERSHED E-8

LOCATION: Grady County, Oklahoma; NW 1/4 sec. 13, T. 7 N., R. 6 W., about 8-1/2 miles east and 2-1/2 miles north of Chickasha, Oklahoma; Washita River Basin. Lat. 35 deg. 05 min. 03 sec. N.; Long. 97 deg. 47 min. 11 sec. W.

AREA: 27.55 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														CHICKASHA, OKLAHOMA WATERSHED E-8													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual													
1975	P	1.75	2.21	1.87	3.13	7.77	4.53	3.61	1.11	2.02	1.09	0.79	1.07	30.99													
	Q	0.221	0.281	0.136	0.690	2.286	0.994	0.149	0.019	0.005	0.017	0.0	0.0	4.797													
STA AV	P	1.06	1.27	2.08	2.97	4.76	2.93	2.50	2.60	4.14	3.26	1.56	1.08	30.21													
	Q	0.061	0.077	0.278	0.477	0.950	0.544	0.171	0.150	0.411	0.566	0.225	0.044	4.015													
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																											
		Maximum Discharge Date	1 Hour Date	2 Hours Date	Maximum Volume for Selected Time Interval 6 Hours Date	12 Hours Date	1 Day Date	2 Days Date	8 Days Date																		
1975		5-22 1.423	5-22 0.877	5-22 0.997	5-22 1.564	5-22 1.894	5-22 1.902	5-21 1.503	5-22 2.086																		
MAXIMUMS FOR PERIOD OF RECORD																											
		5-24 4.813	5-24 2.148	5-24 2.304	5-24 2.323	5-24 2.327	5-24 2.330	5-22 2.555	5-24 3.328																		
		1973	1973	1973	1973	1973	1973	1973	1973																		

NOTES: Watershed conditions: Formerly cultivated from about 1907 until about 1935, when land use was changed to pasture because of severe erosion. Range condition class during the year was poor to fair. The vegetative cover in mid-Nov. 1975, based on 25 uniformly spaced clipped samples, average 442 pounds of standing grass, 862 pounds of weeds, and 536 pounds per acre of mulch. For general description and map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1966, USDA Misc. Pub. 1226, pp. 69.45-1 and 69.45-3. Monthly precipitation obtained from Thiessen weighted rainfall values from two gages, Nos. 197 and 198. Precipitation and runoff records began July 1, 1966. STA AV based on 10 yr (1966-75) record period. For long-time precipitation records, see National Weather Service records at Chickasha, Oklahoma.

1975 DAILY PRECIPITATION (inches)														CHICKASHA, OKLAHOMA WATERSHED E-8													
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec															
1	0.09	0.23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.0															
2	0.84	0.31	0.0	0.0	0.58	0.0	0.0	0.11	0.0	0.0	0.17	0.0															
3	0.0	0.28	0.0	0.0	0.02	0.0	0.02	0.0	0.0	0.0	0.0	0.0															
4	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
5	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.41	0.0	0.12	0.04															
6	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0	0.0	0.03	0.0															
7	0.0	0.0	0.0	0.86	0.0	0.10	0.73	0.0	0.0	0.0	0.0	0.0															
8	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0															
9	0.0	0.0	0.31	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0															
10	0.0	0.0	0.0	0.0	0.0	1.11	0.52	0.0	0.0	0.0	0.0	0.0															
11	0.0	0.0	0.14	0.0	0.05	0.0	0.0	0.0	0.56	0.0	0.0	0.0															
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0															
13	0.0	0.0	0.0	0.37	1.02	0.0	0.0	0.0	0.46	0.0	0.0	0.0															
14	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.40	0.21	0.15	0.0	0.01															
15	0.0	0.08	0.14	0.0	0.0	0.0	0.0	0.06	0.0	0.81	0.0	0.0															
16	0.0	0.52	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.0															
17	0.0	0.0	0.11	0.01	0.0	0.53	0.0	0.23	0.05	0.0	0.0	0.0															
18	0.0	0.0	0.29	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
19	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0	0.43	0.0															
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
21	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.11	0.0	0.0	0.0															
22	0.0	0.70	0.0	0.02	3.38	0.73	0.0	0.0	0.0	0.0	0.0	0.03															
23	0.0	0.0	0.0	0.0	0.55	0.68	0.0	0.0	0.0	0.0	0.0	0.08															
24	0.01	0.0	0.0	0.0	0.0	0.0	1.57	0.0	0.0	0.0	0.0	0.59															
25	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.16															
26	0.0	0.0	0.06	0.0	0.0	0.0	0.49	0.0	0.0	0.0	0.0	0.0															
27	0.0	0.0	0.61	0.41	0.11	0.0	0.0	0.31	0.0	0.0	0.0	0.0															
28	0.0	0.0	0.21	0.0	0.87	0.0	0.08	0.0	0.0	0.0	0.0	0.11															
29	0.0	0.0	0.0	1.44	0.46	0.0	0.08	0.0	0.0	0.0	0.04	0.05															
30	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
31	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0															
TOTAL	1.79	2.21	1.87	3.13	7.77	4.53	3.61	1.11	2.02	1.09	0.79	1.07															
STA AV	1.06	1.27	2.08	2.97	4.76	2.93	2.50	2.60	4.14	3.26	1.56	1.08															

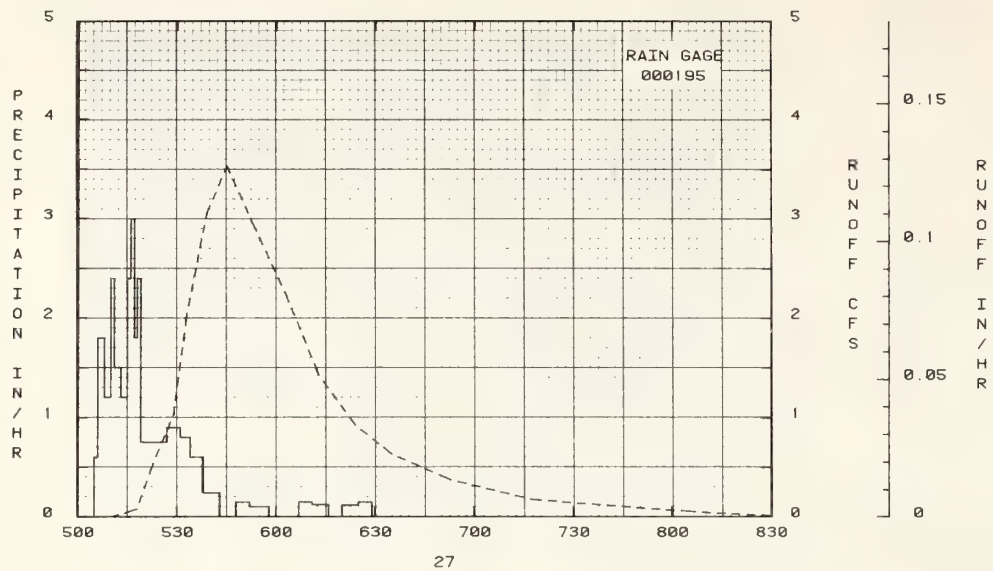
NOTES: Precipitation obtained from Thiessen weighted rainfall values from two gages, Nos. 197 and 198. STA AV based on 10 yr (1966-75) record period.

CHICKASAW, OKLAHOMA WATERSHED E-8											
MEAN DAILY DISCHARGE (cfs)											
1975	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
1	0.0	0.018	0.002	0.002	0.0	0.001	0.0	0.0	0.0	0.0	0.0
2	0.248	0.041	0.004	0.002	0.055	0.001	0.0	0.0	0.0	0.0	0.0
3	0.0	0.143	0.006	0.002	0.001	0.001	0.0	0.0	0.0	0.0	0.0
4	0.0	0.016	0.006	0.002	0.0	0.001	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.003	0.002	0.0	0.001	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.002	0.0	0.054	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.223	0.0	0.006	0.041	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.004	0.0	0.035	0.0 T	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.002	0.0	0.002	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.002	0.0	0.547	0.014	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.002	0.0 T	0.002	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.002	0.0	0.001	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.003	0.058	0.0 T	0.0	0.0	0.002	0.0	0.0
14	0.0	0.0	0.0	0.002	0.058	0.0	0.0	0.022	0.003	0.0	0.0
15	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0	0.019	0.0
16	0.0	0.001	0.0 T	0.002	0.0	0.007	0.0	0.0	0.0	0.0	0.0
17	0.0	0.008	0.002	0.002	0.0	0.188	0.0	0.001	0.0	0.0	0.0
18	0.0	0.0	0.005	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.001	0.001	0.011	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0 T	0.001	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.097	0.0	0.001	1.848	0.069	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.001	0.355	0.232	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.001	0.001	0.001	0.081	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.001	0.001	0.0 T	0.001	0.0	0.0	0.0	0.0
26	0.0	0.0	0.0 T	0.001	0.0 T	0.0	0.035	0.0	0.0	0.0	0.0
27	0.0	0.0 T	0.115	0.009	0.001	0.0	0.0 T	0.0	0.0	0.0	0.0
28	0.0	0.001	0.004	0.0	0.143	0.0	0.0	0.0	0.0	0.0	0.0
29	0.0		0.002	0.512	0.070	0.0	0.0	0.0	0.0	0.0	0.0
30	0.007		0.002	0.011	0.002	0.0	0.0	0.0	0.0	0.0	0.0
31	0.001		0.002		0.001		0.0	0.0		0.0	0.0
MEAN	0.008	0.0116	0.0051	0.0266	0.0854	0.0383	0.0056	0.0007	0.0002	0.0006	0.0
INCHES	0.221	0.281	0.136	0.690	2.286	0.594	0.149	0.015	0.005	0.017	0.0
STA AV	0.081	0.077	0.278	0.477	0.990	0.544	0.171	0.150	0.411	0.566	0.225

NOTES: To convert discharge in CFS to IN/DAY, multiply by 0.663944. STA AV based on 10 yr (1966-75) record period.

CHICKASAW, OKLAHOMA WATERSHED E-8											
SELECTED RUNOFF EVENT											
1975											
ANTECEDENT CONDITIONS				RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF MARCH 27, 1975											
BG 000195											
3-27	0.0	0.0	3-27	505	0.0	0.0	3-27	510	0.0	0.0	
				506	0.6000	0.01		518	0.078	0.0002	
				508	1.8000	0.07		522	0.472	0.0008	
				510	1.2000	0.11		529	1.032	0.0040	
				511	2.4000	0.15		533	2.051	0.0077	
WATERSHED CONDITIONS:											
Range condition class during the year was poor to fair.											
				513	1.5000	0.20		539	3.056	0.0169	
				514	1.2000	0.22		545	3.528	0.0287	
				515	1.2000	0.24		553	2.944	0.0443	
				516	2.4000	0.28		603	2.233	0.0598	
				517	3.0000	0.33		613	1.417	0.0708	
				518	1.8000	0.36		624	0.920	0.0785	
				519	2.4000	0.40		635	0.629	0.0836	
				523	0.7500	0.45		653	0.371	0.0890	
				527	0.7500	0.50		718	0.171	0.0930	
				531	0.9000	0.56					
				534	0.8000	0.60					
				538	0.6000	0.64					
				543	0.2400	0.66					
				548	0.0	0.66					
				552	0.1500	0.67					
				558	0.1000	0.68					
				607	0.0	0.68					
				611	0.1500	0.69					
				616	0.1200	0.70					
				620	0.0	0.70					
				625	0.1200	0.71					
				629	0.1500	0.72					

NOTES: To convert CFS to IN/HR, multiply by 0.035956.



EVENT OF MARCH 27, 1975  
CHICKASHA, OKLAHOMA WATERSHED E-8

## TREYNOR, IOWA WATERSHED 1

LOCATION: Pottawattamie County, Iowa; approximately 6 miles southwest of Treynor; Silver Creek, West Nishnabotna River, Missouri River Basin. lat. 41 deg. 09 min. 51 sec. N.; Long. 95 deg. 38 min. 30 sec. W.

AREA: 74.50 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														TREYNOR, IOWA WATERSHED 1															
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual															
1975	P	1.45	1.16	2.12	2.53	3.99	3.93	1.04	6.85	2.82	0.10	4.15	0.69	30.81															
	Q	0.280	0.233	0.642	0.565	0.628	0.693	0.513	0.769	0.500	0.292	0.336	0.271	5.726															
STA AV	P	0.60	0.63	1.30	3.24	4.60	5.08	3.52	4.20	4.30	2.88	1.58	0.94	32.86															
	Q	0.370	0.568	0.547	0.433	1.052	1.710	0.417	0.499	0.566	0.355	0.305	0.251	7.113															
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																													
		Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days		8 Days													
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.												
1975		8-25	0.757	8-29	0.304	8-29	0.315	8-29	0.326	8-29	0.330	8-29	0.336	8-28	0.349	8-29	0.555												
MAXIMUMS FOR PERIOD OF RECORD																													
		6-20	5.835	6-20	3.150	6-20	4.160	6-20	4.224	6-20	4.232	6-20	4.246	6-20	4.264	6-4	5.979												
		1967		1967		1967		1967		1967		1967		1967		1967													

NOTES: Watershed conditions: 93% contoured corn; 7% gullies and grassed waterways. Precipitation from rain gage 117 before April 15 and after November 8; Thiessen average of gages 116, 117, 118 for remainder of year. Precipitation records began January 1, 1964. Runoff records began February 10, 1964. January 1 to February 10, 1964 runoff estimated and included in average. For daily air temperature, in the vicinity, see table for Watershed 3 (71.003). For topographic map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 71.1-5. For long-time precipitation records, see National Weather Service records at Omaha, Nebraska.

1975		DAILY PRECIPITATION (inches)					TREYNOR, IOWA WATERSHED 1						
	Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.0
	2	0.39	0.0	0.0	0.10	0.14	0.07	0.0	0.0	0.0	0.0	0.02	0.0
	3	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0
	4	0.0	0.55	0.0	0.0	0.0	0.03	0.0	0.0	1.83	0.0	0.0	0.0
	5	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0
	6	0.0	0.0	0.11	0.0	0.08	0.02	0.0	0.0	0.0	0.0	0.0	0.0
	7	0.08	0.0	0.0	0.02	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	8	0.0	0.08	0.0	0.28	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.07
	9	0.0	0.0	0.17	0.0	0.0	0.01	0.0	0.0	0.0	0.0	1.84	0.0
	10	0.65	0.0	0.04	0.0	0.11	0.57	0.01	0.65	0.0	0.0	0.0	0.0
	11	0.05	0.0	0.14	0.0	0.07	0.09	0.75	0.0	0.45	0.0	0.0	0.0
	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.09	0.0	0.0	0.0	0.0
	13	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.37	0.0	0.0	0.0	0.49
	14	0.0	0.0	0.0	0.07	0.0	0.07	0.0	0.05	0.0	0.0	0.0	0.13
	15	0.0	0.0	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0
	16	0.0	0.23	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0
	17	0.0	0.10	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
	18	0.24	0.0	0.0	0.34	0.0	2.04	0.0	0.30	0.11	0.0	0.0	0.0
	19	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.43	0.0
	20	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0
	21	0.0	0.0	0.05	0.0	0.0	0.14	0.0	0.0	0.0	0.0	0.0	0.0
	22	0.0	0.0	0.0	0.09	0.03	0.0	0.27	0.0	0.0	0.0	0.0	0.0
	23	0.0	0.0	0.0	0.37	0.26	0.41	0.0	0.0	0.0	0.10	0.0	0.0
	24	0.0	0.0	0.13	0.0	0.0	0.12	0.0	1.61	0.0	0.0	0.0	0.0
	25	0.0	0.0	0.0	0.0	0.41	0.0	0.0	0.30	0.0	0.0	0.10	0.0
	26	0.0	0.0	0.16	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.10	0.0
	27	0.0	0.0	1.32	0.92	0.0	0.0	0.0	0.10	0.12	0.0	0.0	0.0
	28	0.0	0.0	0.0	0.0	1.40	0.0	0.0	0.0	0.08	0.0	0.0	0.0
	29	0.0	0.0	0.0	0.0	0.84	0.0	0.0	1.76	0.0	0.0	1.56	0.0
	30	0.0	0.0	0.0	0.0	0.47	0.0	0.0	0.0	0.11	0.0	0.03	0.0
	31	0.0		0.0		0.05		0.0	0.0		0.0		0.0
TOTAL		1.43	1.16	2.12	2.53	3.99	3.93	1.04	6.85	2.82	0.10	4.15	0.69
STA AV		0.60	0.63	1.30	3.24	4.60	5.08	3.52	4.20	4.30	2.88	1.58	0.94

NOTES: Daily precipitation amounts are from rain gage 117 before April 15 and after November 8; Thiessen weighted average values from stations 116, 117, and 118 for remainder of year. STA AV based on 12 yr record period.



1975 MEAN DAILY DISCHARGE (cfs) TREYBCE, IOWA WATERSHED 1												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.038	0.025	0.033	0.070	0.057	0.070	0.062	0.049	0.036	0.031	0.028	0.034
2	0.038	0.025	0.030	0.065	0.058	0.064	0.062	0.048	0.036	0.031	0.028	0.038
3	0.036	0.025	0.029	0.069	0.054	0.061	0.062	0.044	0.038	0.031	0.031	0.036
4	0.035	0.025	0.028	0.067	0.051	0.060	0.062	0.039	0.046	0.031	0.031	0.038
5	0.033	0.025	0.031	0.060	0.052	0.056	0.061	0.035	0.050	0.030	0.031	0.035
6	0.031	0.025	0.032	0.055	0.054	0.053	0.060	0.035	0.044	0.029	0.031	0.031
7	0.031	0.025	0.035	0.055	0.053	0.051	0.056	0.035	0.042	0.029	0.031	0.031
8	0.031	0.025	0.034	0.061	0.052	0.052	0.061	0.035	0.041	0.030	0.031	0.034
9	0.031	0.025	0.031	0.056	0.052	0.059	0.060	0.035	0.036	0.030	0.035	0.031
10	0.031	0.025	0.031	0.055	0.052	0.060	0.055	0.048	0.038	0.030	0.031	0.031
11	0.031	0.025	0.031	0.055	0.056	0.060	0.067	0.036	0.047	0.029	0.031	0.031
12	0.031	0.025	0.031	0.055	0.052	0.051	0.051	0.051	0.038	0.029	0.031	0.031
13	0.026	0.025	0.028	0.058	0.052	0.051	0.052	0.047	0.038	0.025	0.031	0.033
14	0.025	0.025	0.029	0.057	0.051	0.056	0.053	0.039	0.038	0.029	0.031	0.043
15	0.025	0.025	0.033	0.055	0.051	0.052	0.051	0.038	0.038	0.025	0.031	0.019
16	0.025	0.025	0.060	0.055	0.051	0.054	0.052	0.038	0.038	0.029	0.031	0.018
17	0.025	0.025	0.083	0.052	0.047	0.052	0.051	0.036	0.038	0.030	0.031	0.014
18	0.027	0.025	0.138	0.060	0.043	0.435	0.048	0.041	0.040	0.030	0.031	0.014
19	0.025	0.025	0.153	0.055	0.044	0.065	0.048	0.035	0.036	0.030	0.036	0.018
20	0.025	0.025	0.144	0.056	0.043	0.063	0.043	0.035	0.036	0.028	0.032	0.015
21	0.025	0.026	0.070	0.052	0.043	0.063	0.046	0.035	0.035	0.028	0.031	0.015
22	0.025	0.025	0.065	0.052	0.044	0.061	0.051	0.035	0.035	0.028	0.031	0.022
23	0.025	0.025	0.065	0.064	0.048	0.074	0.046	0.034	0.034	0.032	0.031	0.025
24	0.027	0.025	0.062	0.055	0.043	0.066	0.044	0.123	0.035	0.031	0.026	0.025
25	0.025	0.029	0.065	0.052	0.049	0.065	0.044	0.138	0.035	0.031	0.025	0.025
26	0.025	0.029	0.065	0.055	0.047	0.065	0.043	0.036	0.035	0.031	0.030	0.025
27	0.025	0.032	0.207	0.094	0.042	0.062	0.043	0.037	0.036	0.031	0.031	0.025
28	0.025	0.038	0.101	0.065	0.250	0.062	0.043	0.038	0.036	0.028	0.032	0.025
29	0.025		0.094	0.060	0.205	0.062	0.043	1.054	0.035	0.025	0.102	0.025
30	0.025		0.088	0.062	0.054	0.062	0.043	0.042	0.033	0.027	0.031	0.025
31	0.025		0.082		0.074		0.043	0.038		0.028		0.025
MEAN	0.0283	0.0260	0.0648	0.0594	0.0634	0.0723	0.0518	0.0777	0.0522	0.0295	0.0351	0.0273
INCHES	0.280	0.233	0.642	0.569	0.628	0.693	0.513	0.769	0.500	0.292	0.336	0.271
STA AV	0.370	0.568	0.547	0.433	1.052	1.710	0.417	0.499	0.566	0.355	0.305	0.291

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.31949. STA AV based on 12 yr record period.

## TREYNOR, IOWA WATERSHED 2

LOCATION: Pottawattamie County, Iowa; approximately 6 miles southwest of Treynor; Keg Creek, Missouri River Basin.  
Lat. 41 deg. 10 min. 10 sec. N.; Long. 95 deg. 35 min. 00 sec. W.

AREA: 82.80 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)										TREYNOR, IOWA WATERSHED 2									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1975	F	1.43	1.16	2.12	2.46	3.79	3.94	1.10	7.24	2.76	0.13	4.15	0.65	30.97					
	Q	0.615	0.512	0.881	0.880	0.817	0.952	0.658	0.563	0.699	0.488	0.518	0.529	8.613					
STA AV	P	0.60	0.63	1.35	3.18	4.54	5.04	3.44	4.13	4.35	2.88	1.59	0.54	32.66					
	Q	0.455	0.683	0.639	0.455	0.929	1.657	0.414	0.512	0.606	0.427	0.359	0.380	7.515					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		8-29	0.649	8-29	0.271	8-29	0.296	8-29	0.307	8-25	0.313	8-28	0.324	8-28	0.343	8-29	0.570		
MAXIMUMS FOR PERIOD OF RECORD																			
		6-20	4.866	6-20	2.701	6-20	3.693	6-20	3.760	6-20	3.786	6-20	3.796	6-20	3.810	6-4	5.531		
		1967		1967		1967		1967		1967		1967		1967		1967			

NOTES: Watershed conditions: 93% contoured corn; 7% gullies and grassed waterways. Precipitation from rain gage 117 before April 15 and after November 8; Thiessen average of rain gages 115, 116, and 118 for remainder of year. Precipitation records began January 1, 1964. Runoff records began February 3, 1964. January 1 to February 3, 1964 runoff estimated and included in average. For daily air temperature, in the vicinity, see table for Watershed 3 (71.003). For topographic map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 71.2-5. For long-time precipitation records, see National Weather Service records at Omaha, Nebraska.

1975		DAILY PRECIPITATION (inches)					TREYNCE, IOWA WATERSHED 2						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.0	
2	0.39	0.0	0.0	0.10	0.14	0.09	0.0	0.0	0.0	0.0	0.02	0.0	
3	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	
4	0.0	0.55	0.0	0.0	0.0	0.03	0.0	0.0	1.76	0.0	0.0	0.0	
5	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	
6	0.0	0.0	0.11	0.0	0.08	0.02	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.08	0.0	0.0	0.02	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
8	0.0	0.08	0.0	0.28	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.07	
9	0.0	0.0	0.17	0.0	0.0	0.01	0.0	0.0	0.0	0.0	1.84	0.0	
10	0.65	0.0	0.04	0.0	0.09	0.53	0.02	0.85	0.0	0.0	0.0	0.0	
11	0.05	0.0	0.14	0.0	0.07	0.11	0.81	0.0	0.43	0.0	0.0	0.0	
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.15	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.39	0.0	0.0	0.0	0.45	
14	0.0	0.0	0.0	0.07	0.0	0.11	0.0	0.04	0.0	0.0	0.0	0.13	
15	0.0	0.0	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.23	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	
17	0.0	0.10	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.24	0.0	0.0	0.32	0.0	2.07	0.0	0.36	0.10	0.0	0.0	0.0	
19	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.43	0.0	
20	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	
21	0.0	0.0	0.05	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0	
22	0.0	0.0	0.0	0.10	0.04	0.0	0.26	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.36	0.27	0.39	0.0	0.0	0.0	0.13	0.0	0.0	
24	0.0	0.0	0.13	0.0	0.0	0.12	0.0	1.73	0.0	0.0	0.0	0.0	
25	0.0	0.0	0.0	0.0	0.32	0.0	0.0	0.39	0.0	0.0	0.10	0.0	
26	0.0	0.0	0.16	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.10	0.0	
27	0.0	0.0	1.32	0.88	0.0	0.0	0.0	0.11	0.12	0.0	0.0	0.0	
28	0.0	0.0	0.0	0.0	1.36	0.0	0.0	0.0	0.10	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.0	0.77	0.0	0.0	1.78	0.0	0.0	1.56	0.0	
30	0.0	0.0	0.0	0.0	0.46	0.0	0.0	0.0	0.11	0.0	0.03	0.0	
31	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	1.83	1.16	2.12	2.46	3.79	3.94	1.10	7.24	2.76	0.13	4.15	0.69	
STA AV	0.60	0.63	1.35	3.18	4.54	5.04	3.44	4.13	4.35	2.88	1.59	0.94	

NOTES: Daily precipitation amounts are Thiessen weighted average values from stations 115, 116, and 118 for period of April 15 through November 8, and from station 117 for remainder of year. STA AV based on 12 yr record period.

1975 MEAN DAILY DISCHARGE (cfs) TEEYNCE, IOWA WATERSHED 2												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.064	0.064	0.068	0.123	0.088	0.100	0.091	0.079	0.070	0.064	0.052	0.064
2	0.071	0.064	0.067	0.116	0.056	0.104	0.086	0.074	0.066	0.062	0.055	0.064
3	0.073	0.064	0.059	0.123	0.050	0.100	0.086	0.069	0.071	0.062	0.055	0.064
4	0.073	0.064	0.058	0.121	0.089	0.100	0.086	0.066	0.444	0.058	0.055	0.064
5	0.073	0.064	0.064	0.116	0.090	0.054	0.086	0.066	0.091	0.053	0.055	0.064
6	0.066	0.064	0.065	0.116	0.095	0.091	0.085	0.065	0.078	0.057	0.055	0.064
7	0.064	0.064	0.067	0.110	0.091	0.088	0.084	0.064	0.071	0.056	0.055	0.064
8	0.064	0.064	0.066	0.111	0.090	0.052	0.088	0.061	0.070	0.056	0.055	0.065
9	0.064	0.064	0.064	0.106	0.090	0.102	0.088	0.064	0.070	0.053	0.103	0.064
10	0.064	0.064	0.064	0.105	0.087	0.058	0.081	0.088	0.065	0.053	0.059	0.064
11	0.064	0.064	0.064	0.103	0.052	0.099	0.093	0.065	0.079	0.053	0.055	0.064
12	0.064	0.064	0.059	0.101	0.090	0.089	0.079	0.088	0.070	0.052	0.055	0.064
13	0.071	0.064	0.058	0.108	0.050	0.089	0.079	0.083	0.068	0.052	0.055	0.065
14	0.073	0.064	0.059	0.105	0.085	0.054	0.080	0.071	0.069	0.055	0.055	0.068
15	0.073	0.064	0.067	0.097	0.079	0.090	0.076	0.070	0.073	0.055	0.055	0.055
16	0.073	0.064	0.101	0.094	0.079	0.052	0.074	0.069	0.073	0.053	0.055	0.055
17	0.073	0.064	0.117	0.094	0.079	0.050	0.073	0.066	0.070	0.053	0.055	0.048
18	0.078	0.057	0.128	0.105	0.079	0.645	0.066	0.078	0.073	0.052	0.055	0.051
19	0.073	0.055	0.127	0.096	0.080	0.102	0.077	0.066	0.068	0.052	0.062	0.061
20	0.073	0.056	0.126	0.095	0.079	0.101	0.074	0.065	0.070	0.053	0.058	0.064
21	0.066	0.067	0.137	0.094	0.075	0.103	0.077	0.065	0.068	0.052	0.055	0.056
22	0.064	0.064	0.133	0.090	0.076	0.102	0.084	0.064	0.065	0.051	0.055	0.055
23	0.070	0.064	0.131	0.095	0.083	0.115	0.077	0.064	0.061	0.055	0.055	0.055
24	0.076	0.064	0.119	0.083	0.079	0.103	0.073	0.145	0.060	0.055	0.055	0.055
25	0.073	0.064	0.120	0.078	0.083	0.100	0.073	0.195	0.059	0.055	0.055	0.055
26	0.073	0.064	0.116	0.083	0.082	0.059	0.066	0.068	0.056	0.053	0.055	0.055
27	0.071	0.066	0.217	0.118	0.074	0.054	0.066	0.067	0.057	0.055	0.055	0.055
28	0.064	0.071	0.139	0.094	0.156	0.089	0.070	0.064	0.062	0.055	0.060	0.055
29	0.064		0.136	0.089	0.176	0.050	0.070	1.129	0.064	0.055	0.131	0.055
30	0.064		0.136	0.090	0.114	0.051	0.065	0.071	0.067	0.053	0.067	0.055
31	0.064		0.131		0.101		0.065	0.070		0.053		0.055
MEAN	0.0690	0.0636	0.0989	0.1020	0.0916	0.1150	0.0784	0.1103	0.0811	0.0547	0.0601	0.0594
INCHES	0.615	0.512	0.881	0.880	0.817	0.992	0.656	0.983	0.699	0.488	0.518	0.529
STA AV	0.455	0.683	0.639	0.455	0.929	1.657	0.414	0.512	0.606	0.427	0.359	0.380

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.28746. STA AV based on 12 yr record period.

## TREYNOR, IOWA WATERSHED 3

LOCATION: Pottawattamie County, Iowa; approximately 3 miles southwest of Treynor; Silver Creek, West Nishnabotna River, Missouri River Basin. Lat. 41 deg. 12 min. 36 sec. N.; Long. 95 deg. 38 min. 05 sec. W.

AREA: 107.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)								TREYNOR, IOWA WATERSHED 3									
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.42	1.02	2.01	2.78	3.50	4.41	0.46	6.57	2.89	0.13	3.55	0.48	29.22			
	Q	0.325	0.296	0.623	0.792	0.866	1.028	0.509	0.544	0.387	0.295	0.304	0.340	6.709			
STA AV	P	0.63	0.59	1.30	3.19	4.71	5.12	3.23	3.52	4.32	2.86	1.52	0.91	31.91			
	Q	0.371	0.582	0.637	0.505	0.666	0.891	0.562	0.379	0.353	0.408	0.376	0.385	6.140			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval				1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-18	0.010	6-18	0.008	6-18	0.015	6-18	0.025	6-18	0.038	6-18	0.056	6-18	0.092	6-18	0.307
MAXIMUMS FOR PERIOD OF RECORD																	
		6-20	2.010	6-20	1.005	6-20	1.287	6-20	1.336	6-20	1.350	6-20	1.371	2-27	1.408	6-14	1.741
		1967		1967		1967		1967		1967		1967		1965		1967	

NOTES: Watershed conditions: 86% corn, conservation tillage; 14% grassed waterway, roads and farmstead. Precipitation: Arithmetic average of rain gages 113 and 114 before April 15 and after November 8; Thiessen average of gages 112, 113 and 114 for remainder of year. Precipitation records began January 1, 1964. Runoff records began January 2, 1964, January 1, 1964 runoff estimated and included in average. For topographic map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1964, USDA Misc. Pub. 1194, p. 71.3-4. For long-time precipitation records, see National Weather Service records at Omaha, Nebraska.

1975 DAILY AIR TEMPERATURE (degrees F)														TREYNOR, IOWA WATERSHED 3	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min	max min		
1	38 18	30 22	29 20	28 19	69 37	75 52	90 71	90 70	100 68	58 36	67 43	37 8			
2	29 25	36 29	21 14	23 17	69 47	77 51	89 69	86 68	95 70	65 35	60 49	37 27			
3	29 11	34 31	26 8	35 6	66 49	85 53	94 68	91 61	82 63	75 43	65 52	43 27			
4	31 5	33 11	34 10	47 27	85 48	83 64	98 74	95 65	64 60	77 46	63 41	56 35			
5	33 11	33 5	40 30	58 35	86 51	86 61	99 75	90 69	73 57	76 52	60 45	63 28			
6	30 8	12 0	33 28	54 39	75 62	82 63	91 73	86 61	77 55	81 43	62 56	33 19			
7	31 17	30 1	30 23	53 40	82 55	82 56	91 72	88 65	75 59	79 53	65 46	41 25			
8	32 23	14 -8	25 15	44 40	69 49	79 62	91 70	95 69	75 53	80 56	65 41	36 32			
9	34 26	13 -15	30 25	56 40	73 49	74 62	85 62	93 72	85 54	72 43	52 39	40 30			
10	33 7	31 12	35 22	41 31	78 49	72 54	79 58	91 65	88 65	74 43	50 33	56 31			
11	7 -5	23 13	30 26	52 28	68 51	72 56	79 57	93 68	70 47	78 45	57 36	37 31			
12	3 -8	25 6	29 10	57 31	75 48	83 54	74 53	100 72	67 42	93 61	40 25	35 30			
13	18 -4	18 5	20 -3	51 36	69 51	90 61	83 54	81 65	72 41	90 63	37 20	58 35			
14	20 -1	24 18	29 1	49 41	79 48	75 59	87 54	77 66	65 47	74 49	52 23	58 6			
15	24 10	26 21	40 15	60 38	74 45	79 55	92 67	83 67	63 52	62 39	64 31	28 5			
16	21 6	30 23	48 35	70 43	80 46	89 61	93 65	87 65	65 56	66 34	66 39	29 7			
17	35 17	36 27	49 32	82 51	87 51	83 65	93 70	88 64	71 57	62 42	67 45	7 -1			
18	39 31	29 14	49 37	54 35	93 60	83 64	96 76	86 67	65 52	63 35	69 55	32 -5			
19	31 -6	28 7	67 35	51 35	97 73	87 76	92 71	91 69	67 47	73 35	59 38	49 27			
20	34 -6	38 12	66 37	59 32	92 74	90 73	90 68	96 72	57 49	85 41	38 28	40 15			
21	36 0	43 30	52 39	62 41	89 67	87 66	88 62	96 73	63 48	75 46	30 18	34 12			
22	18 -5	35 23	54 33	76 43	97 71	82 64	85 67	97 75	70 41	86 53	39 16	35 20			
23	35 17	26 15	70 39	72 50	82 65	80 67	89 68	97 77	71 45	73 47	39 21	26 21			
24	39 28	34 21	23 17	64 51	85 58	88 65	81 63	98 67	64 39	47 34	26 9	28 25			
25	34 27	40 31	27 14	74 49	79 62	87 68	84 57	79 60	68 35	55 28	22 7	29 23			
26	28 20	36 24	36 21	63 52	76 55	86 70	92 60	84 54	70 38	63 33	23 18	30 24			
27	28 16	40 19	50 34	75 61	81 52	90 65	93 65	89 65	69 47	58 45	28 13	30 25			
28	28 14	37 22	39 26	67 49	74 58	91 73	92 68	81 69	67 45	55 34	40 9	31 27			
29	28 18		31 19	67 47	66 61	90 71	97 70	88 67	72 42	58 27	59 24	34 28			
30	34 17		43 20	58 37	65 52	91 70	93 69	80 66	63 43	70 38	24 10	38 22			
31	22 15		54 28		74 45		93 72	66 61		73 54		29 24			
AV.	28 11	29 15	39 23	57 38	75 55	83 63	89 66	89 67	72 51	71 43	50 31	37 21			
PEAN	20.0	22.0	31.0	47.5	66.6	73.0	77.9	78.0	61.2	57.0	40.4	29.4			
STA AV	28 11	34 16	46 25	61 38	74 51	82 60	87 65	83 62	74 52	65 42	46 28	32 18			

NOTES: Temperature data taken from hygrothermograph charts. The recording period is from 0001 to 2400 for the date shown. STA AV based on 11 yr record period.



1975 DAILY PRECIPITATION (inches)													TREYNOL, ICWA WATERSHED 3												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec													
1	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.31	0.0	0.0	0.0	0.0													
2	0.37	0.0	0.0	0.04	0.12	0.08	0.0	0.0	0.0	0.0	0.02	0.0													
3	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.0													
4	0.0	0.49	0.0	0.0	0.0	0.06	0.0	0.0	1.57	0.0	0.0	0.0													
5	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0													
6	0.0	0.0	0.12	0.0	0.05	0.02	0.0	0.0	0.0	0.0	0.0	0.0													
7	0.05	0.0	0.0	0.05	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0													
8	0.0	0.07	0.0	0.28	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.09													
9	0.0	0.0	0.18	0.0	0.0	0.02	0.0	0.0	0.0	0.0	1.63	0.0													
10	0.77	0.0	0.03	0.0	0.10	0.42	0.01	0.51	0.0	0.0	0.0	0.0													
11	0.05	0.0	0.16	0.0	0.15	0.34	0.24	0.0	0.43	0.0	0.0	0.0													
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.24	0.0	0.0	0.0	0.0													
13	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.42	0.0	0.0	0.0	0.33													
14	0.0	0.0	0.0	0.05	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.06													
15	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0													
16	0.0	0.22	0.0	0.0	0.0	0.02	0.0	0.04	0.0	0.0	0.0	0.0													
17	0.0	0.08	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0													
18	0.16	0.0	0.0	0.31	0.0	2.25	0.0	0.26	0.12	0.0	0.0	0.0													
19	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.50	0.0													
20	0.0	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0													
21	0.0	0.0	0.05	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0													
22	0.0	0.0	0.0	0.25	0.04	0.0	0.15	0.0	0.0	0.0	0.0	0.0													
23	0.0	0.0	0.0	0.35	0.27	0.34	0.0	0.0	0.0	0.13	0.0	0.0													
24	0.0	0.0	0.13	0.0	0.0	0.26	0.0	1.69	0.0	0.0	0.0	0.0													
25	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.68	0.0	0.0	0.07	0.0													
26	0.0	0.0	0.19	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.10	0.0													
27	0.0	0.0	1.15	1.10	0.0	0.0	0.0	0.13	0.13	0.0	0.0	0.0													
28	0.0	0.0	0.0	0.0	1.29	0.0	0.0	0.0	0.29	0.0	0.0	0.0													
29	0.0	0.0	0.0	0.0	1.00	0.0	0.0	1.29	0.0	0.0	1.13	0.0													
30	0.0	0.0	0.0	0.0	0.37	0.0	0.0	0.0	0.19	0.0	0.06	0.0													
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0													
TOTAL	1.42	1.02	2.01	2.78	3.50	4.41	0.46	6.57	2.89	0.13	3.55	0.48													
STA AV	0.63	0.59	1.30	3.19	4.71	5.12	3.23	3.52	4.32	2.86	1.52	0.91													

NOTES: Daily precipitation amounts are arithmetic average values from stations 113 and 114 before April 15 and after November 8; Thiessen weighted average values from rain gages 112, 113 and 114 for remainder of year. STA AV based on 12 yr record period.

1975					TREYNOL, IOWA WATERSHED 3												
MEAN DAILY DISCHARGE (cfs)																	
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
1	0.047	0.047	0.049	0.116	0.131	0.147	0.158	0.103	0.061	0.047	0.039	0.048					
2	0.047	0.047	0.047	0.116	0.132	0.147	0.156	0.101	0.058	0.047	0.039	0.047					
3	0.047	0.047	0.049	0.119	0.131	0.141	0.155	0.096	0.060	0.044	0.039	0.047					
4	0.047	0.047	0.047	0.116	0.131	0.140	0.155	0.050	0.083	0.044	0.039	0.047					
5	0.047	0.047	0.050	0.116	0.131	0.139	0.158	0.090	0.063	0.044	0.039	0.047					
6	0.047	0.047	0.055	0.116	0.131	0.139	0.156	0.091	0.059	0.045	0.039	0.054					
7	0.047	0.047	0.055	0.116	0.126	0.139	0.157	0.086	0.059	0.044	0.039	0.055					
8	0.047	0.047	0.055	0.120	0.126	0.142	0.147	0.079	0.061	0.044	0.039	0.055					
9	0.047	0.047	0.055	0.116	0.126	0.155	0.140	0.075	0.061	0.044	0.070	0.055					
10	0.047	0.047	0.055	0.116	0.126	0.150	0.138	0.080	0.061	0.044	0.047	0.055					
11	0.047	0.047	0.055	0.116	0.132	0.150	0.141	0.082	0.067	0.043	0.047	0.055					
12	0.047	0.047	0.055	0.116	0.131	0.138	0.141	0.066	0.061	0.042	0.047	0.055					
13	0.047	0.047	0.055	0.120	0.131	0.138	0.141	0.081	0.061	0.042	0.047	0.055					
14	0.047	0.047	0.052	0.119	0.125	0.146	0.147	0.073	0.061	0.043	0.047	0.054					
15	0.047	0.047	0.050	0.114	0.125	0.140	0.134	0.073	0.058	0.043	0.047	0.047					
16	0.047	0.047	0.080	0.112	0.124	0.142	0.131	0.071	0.055	0.042	0.047	0.047					
17	0.047	0.047	0.108	0.112	0.124	0.140	0.125	0.071	0.054	0.039	0.047	0.047					
18	0.050	0.047	0.138	0.119	0.124	0.150	0.123	0.071	0.055	0.039	0.047	0.047					
19	0.047	0.047	0.143	0.112	0.121	0.163	0.126	0.068	0.052	0.042	0.051	0.047					
20	0.047	0.047	0.140	0.113	0.111	0.163	0.126	0.065	0.055	0.042	0.047	0.047					
21	0.047	0.050	0.131	0.114	0.112	0.163	0.131	0.064	0.053	0.042	0.047	0.047					
22	0.047	0.047	0.120	0.113	0.111	0.163	0.133	0.067	0.052	0.042	0.047	0.047					
23	0.047	0.047	0.116	0.122	0.115	0.166	0.126	0.068	0.053	0.041	0.047	0.047					
24	0.050	0.047	0.116	0.113	0.112	0.164	0.114	0.086	0.053	0.047	0.041	0.047					
25	0.047	0.050	0.116	0.112	0.116	0.163	0.110	0.098	0.056	0.043	0.039	0.047					
26	0.047	0.050	0.116	0.116	0.116	0.163	0.101	0.083	0.056	0.043	0.039	0.047					
27	0.047	0.049	0.169	0.157	0.116	0.156	0.101	0.080	0.056	0.047	0.039	0.047					
28	0.047	0.050	0.139	0.131	0.132	0.157	0.102	0.065	0.056	0.040	0.042	0.047					
29	0.047		0.131	0.131	0.138	0.157	0.102	0.079	0.052	0.039	0.068	0.047					
30	0.047		0.131	0.131	0.136	0.157	0.109	0.064	0.048	0.039	0.055	0.047					
31	0.047		0.123		0.147		0.102	0.062		0.039		0.047					
MEAN	0.0472	0.0475	0.0904	0.1186	0.1255	0.1540	0.1316	0.0789	0.0580	0.0428	0.0456	0.0493					
INCHES	0.325	0.296	0.623	0.752	0.866	1.028	0.909	0.544	0.387	0.295	0.304	0.340					
STA AV	0.371	0.582	0.637	0.509	0.686	0.891	0.562	0.379	0.353	0.408	0.376	0.385					

## TREYNOR, IOWA WATERSHED 4

LOCATION: Pottawattamie County, Iowa; approximately 3 miles southwest of Treynor; Silver Creek, West Nishnabotna River, Missouri River Basin. Lat. 41 deg. 12 min. 36 sec. N.; Long. 95 deg. 38 min. 05 sec. W.

AREA: 150.00 acres

MONTHLY PRECIPITATION AND RUNOFF (inches)														TREYNOR, IOWA WATERSHED 4			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1975	P	1.50	1.02	1.53	2.80	3.37	4.31	0.49	6.43	2.50	0.12	3.64	0.51	29.02			
	Q	0.409	0.370	1.187	0.947	0.886	1.253	0.652	0.721	0.465	0.322	0.376	0.337	7.967			
STA AV	P	0.62	0.58	1.29	3.18	4.67	5.18	3.27	3.50	4.53	2.94	1.50	0.50	32.16			
	Q	0.455	0.504	0.717	0.610	0.958	1.077	0.820	0.571	0.609	0.571	0.525	0.514	7.971			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1975		6-18	0.044	6-18	0.037	6-18	0.066	6-18	0.175	6-18	0.254	6-18	0.286	6-18	0.529	3-16	0.635
MAXIMUMS FOR PERIOD OF RECORD																	
		6-7	0.607	6-7	0.179	5-10	0.285	5-5	0.563	5-5	0.676	5-5	1.036	5-5	1.316	5-5	1.743
		1972		1972		1971		1972		1972		1972		1972		1972	

NOTES: Watershed conditions: 73% contoured corn above level terraces which have a capacity of 2 inches of runoff; 23% contoured corn below the bottom terraces; 3% grassed terrace back-slopes; 1% gully. Precipitation from rain gage 113 before April 15 and after November 8; Thiessen average of gages 111, 112 and 113 for remainder of year. Precipitation records began January 1, 1964. Runoff records began February 27, 1964. January 1 to February 27, 1964 runoff estimated and included in average. For daily air temperature, in the vicinity, see table for Watershed 3 (71.003). For revised topographic map of watershed, see Hydrologic Data for Experimental Agricultural Watersheds in the United States, 1972, USDA Misc. Pub. 1412, p.71-4-4. For long-time precipitation records, see National Weather Service records at Omaha, Nebraska.

1975 DAILY PRECIPITATION (inches)														TREYNOR, IOWA WATERSHED 4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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NOTES: Daily precipitation amounts are Thiessen weighted average values from stations 111, 112 and 113 for period of April 15 through November 8, and from 113 for remainder of year. STA AV based on 12 yr record period.

1975 MEAN DAILY DISCHARGE (cfs) TEEYNOE, ICWA WATERSHED 4												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.083	0.083	0.083	0.214	0.203	0.226	0.202	0.108	0.091	0.073	0.064	0.073
2	0.083	0.083	0.083	0.214	0.196	0.223	0.196	0.105	0.085	0.073	0.064	0.073
3	0.083	0.083	0.083	0.214	0.196	0.214	0.186	0.105	0.083	0.071	0.064	0.073
4	0.083	0.083	0.083	0.205	0.196	0.207	0.185	0.105	0.079	0.071	0.064	0.073
5	0.083	0.083	0.086	0.196	0.190	0.196	0.175	0.101	0.099	0.073	0.064	0.073
6	0.083	0.083	0.085	0.196	0.194	0.196	0.174	0.099	0.091	0.069	0.064	0.073
7	0.083	0.083	0.083	0.196	0.173	0.196	0.179	0.094	0.088	0.064	0.064	0.073
8	0.083	0.083	0.091	0.198	0.171	0.196	0.173	0.094	0.087	0.064	0.064	0.073
9	0.083	0.083	0.094	0.196	0.171	0.196	0.170	0.094	0.080	0.064	0.064	0.073
10	0.083	0.083	0.094	0.196	0.172	0.189	0.163	0.100	0.080	0.064	0.073	0.073
11	0.083	0.083	0.094	0.196	0.180	0.168	0.165	0.094	0.200	0.064	0.073	0.073
12	0.083	0.083	0.088	0.196	0.174	0.179	0.163	0.103	0.083	0.064	0.065	0.073
13	0.083	0.083	0.083	0.196	0.163	0.179	0.155	0.099	0.083	0.064	0.064	0.073
14	0.083	0.083	0.083	0.186	0.157	0.162	0.163	0.094	0.083	0.064	0.064	0.075
15	0.083	0.083	0.083	0.179	0.157	0.179	0.147	0.094	0.083	0.064	0.064	0.073
16	0.083	0.083	0.346	0.179	0.156	0.173	0.116	0.094	0.083	0.064	0.064	0.064
17	0.083	0.083	0.712	0.172	0.157	0.170	0.112	0.094	0.075	0.064	0.064	0.064
18	0.086	0.083	1.057	0.176	0.163	1.767	0.111	0.096	0.074	0.064	0.064	0.064
19	0.083	0.083	0.897	0.171	0.163	0.257	0.116	0.089	0.073	0.064	0.069	0.064
20	0.083	0.083	0.326	0.180	0.157	0.262	0.112	0.088	0.073	0.064	0.065	0.064
21	0.083	0.083	0.205	0.171	0.157	0.252	0.110	0.080	0.073	0.064	0.064	0.064
22	0.083	0.083	0.196	0.163	0.157	0.252	0.110	0.080	0.077	0.064	0.064	0.064
23	0.083	0.083	0.196	0.191	0.164	0.251	0.111	0.080	0.073	0.064	0.064	0.064
24	0.086	0.083	0.196	0.174	0.163	0.241	0.112	0.288	0.073	0.064	0.064	0.064
25	0.083	0.086	0.196	0.170	0.163	0.234	0.111	1.052	0.073	0.064	0.064	0.064
26	0.083	0.086	0.196	0.176	0.163	0.223	0.111	0.094	0.073	0.064	0.064	0.064
27	0.083	0.086	0.623	0.392	0.154	0.209	0.105	0.091	0.080	0.064	0.064	0.064
28	0.083	0.083	0.304	0.242	0.175	0.207	0.105	0.091	0.086	0.064	0.064	0.064
29	0.083		0.262	0.220	0.321	0.207	0.105	0.552	0.074	0.064	0.104	0.064
30	0.083		0.242	0.214	0.245	0.205	0.105	0.094	0.073	0.064	0.075	0.064
31	0.083		0.231		0.233		0.105	0.094		0.064		0.064
MEAN	0.0832	0.0833	0.2413	0.1989	0.1802	0.2633	0.1408	0.1467	0.0976	0.0654	0.0791	0.0684
INCHES	0.405	0.370	1.187	0.947	0.886	1.253	0.692	0.721	0.465	0.322	0.376	0.337
STA AV	0.495	0.504	0.717	0.610	0.558	1.077	0.820	0.571	0.609	0.571	0.525	0.514

NOTES: To convert mean daily discharge in CFS to IN/DAY, multiply by 0.158668. STA AV based on 12 yr record period.

TIFTON, GEORGIA LITTLE RIVER WATERSHED E

LOCATION: Tift County, Georgia; approximately 3 miles west of Tifton on County Road S1983; Little River, Withlacoochee River Sub-basin, Suwanee River Basin, east weir: lat. 31 deg. 28 min. 51 sec., long. 83 deg. 34 min. 56 sec.

AREA: 62592.00 acres 125.05 sq. miles

SLCPES: Slope-Percent 0-2 2-5 5-8  
Percent of area 17.0 78.0 5.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwanee, Ocala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, limy clay, degraded limestone) are of Lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Tifton loamy sand	38.851	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Lcw	Medium
Alapaha loamy sand	14.90	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Lcw	Poor
Puquay loamy sand	8.04	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Lcw	Good
Cowarts sandy loam	7.96	6-12	Weak fine granular	Moderate	Weak to moderate medium sub- angular blocky	Moderate in upper to slow in lower part	36	Lcw	Good
Dothan loamy sand	6.42	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium subangular blocky	Moderate	60-72	Lcw	Medium
Kinston-Osier fine sandy loam	5.75	6	Moderate fine granular to moderate  medium granular	Moderate	Weak medium subangular blocky	Moderate	60	Moderate	Poor to very poor
Ocilla loamy sand	2.25	6-20	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	72-80	Low	Poor
Pelham loamy sand	2.25	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Lcw	Poor
Leefield loamy sand	2.23	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part moderately slow in lower part	60-68	Lcw	Poor
Lakeland sand	2.03	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-85	Moderate	Excessive

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia  
Institute of Technology, and Middle South Georgia Soil Conservation District



SERIES OR TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSCIL		SUBSCIL		SUBSTRATUM		Internal drainage
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	
Stilson loamy sand	2.01	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Low	Moderately well
Carnegie sandy loam	1.41	5	Weak fine granular	Moderate	Moderate medium subangular blocky	Moderate in upper part to moderately slow in lower part	60	Icw	Gccd
Esto sandy loam	1.35	4-5	Moderate medium granular	Slow	Moderate medium subangular blocky	Slow	60-72	Icw	Gcod
Miscellaneous soils (11), each less than 1%	4.47								
TOTAL	100.01								
1/Percent of area based on 1975 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EROSION:      Erosion Class      +      1      2      3      4      5  
                  Percent of Area      0.0    82.0    18.0    0.0    0.0    0.0

LAND CAPABILITY:      Class      I      II      III      IV      V      VI      VII      VIII  
                  Percent of Area      0.3    47.4    10.1    1.9    35.3    0.9    4.1    0.0

GEOLOGY: Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station I. Below Station I, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 2 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by E.E. Carver, Department of Geology, University of Georgia).

SYSTEM	Formation and percent of area		Description
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Deposited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.
Paleocene	Tampa limestone formation		White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee Limestone		White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone		White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene			Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL		100.00	

SURFACE DRAINAGE: Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 30.4 miles. Drainage density 2.56.

CHARACTER OF FLOW:

Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

INSTRUMENTATION: Runoff: Two Fischer and Porter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one FW-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Fifty Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 3-mile grid.

WATERSHED CONDITIONS: Residential, 1.0%; forest, 39.7%; commercial, 0.4%; water, 1.9%; crops, 35.8%; wetland, 2.5%; pasture, 17.8%; roads 0.9%.

GENERALLY REPRESENTS: Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)													
TIFTON, GEORGIA LITTLE RIVER WATERSHED F													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
1971 P	2.84	6.05	5.95	4.98	3.02	5.26	8.35	6.29	0.58	2.17	2.95	5.94	55.18
Q												1.847	
1972 P	4.82	5.88	4.41	0.61	1.98	9.01	4.51	1.99	0.75	2.07	2.32	5.08	43.43
Q	2.771	3.803	1.367	1.078	0.009	0.749	0.589	0.047	0.000	0.0	0.0	0.089	10.501
1973 P	5.85	6.11	6.14	8.74	3.27	5.44	5.56	4.09	1.59	0.64	1.19	3.81	52.47
Q	1.852	4.716	1.434	7.129	0.919	1.016	0.523	0.368	0.023	0.000	0.0	0.006	18.025
1974 P	4.31	7.08	4.01	4.96	3.70	4.87	5.21	5.83	6.28	0.64	1.87	2.04	50.80
Q	0.404	3.562	1.484	3.198	0.363	0.366	0.068	0.777	1.484	0.030	0.004	0.137	11.876
1975 P	6.33	2.63	6.91	8.92	4.24	3.85	5.67	4.54	2.65	2.86	1.53	3.83	53.96
Q	2.059	1.449	3.698	5.101	1.451	0.552	0.686	0.380	0.093	0.085	0.016	0.148	15.538
STA AV P	4.84	5.55	5.48	5.64	3.32	5.69	5.86	4.55	2.45	1.68	1.97	4.14	51.17
Q	1.751	3.382	1.996	4.126	0.685	0.616	0.466	0.393	0.400	0.029	0.005	0.445	14.335
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS													
Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days	
Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1971 12-23	0.009	12-23	0.009	12-23	0.017	12-23	0.051	12-23	0.102	12-23	0.195	12-22	0.355
1972 1-15	0.017	1-15	0.017	1-15	0.034	1-15	0.102	1-15	0.203	1-14	0.392	1-14	0.697
1973 4-3	0.026	4-3	0.026	4-3	0.052	4-3	0.153	4-2	0.301	4-2	0.588	4-2	1.171
1974 4-5	0.021	4-5	0.021	4-5	0.042	4-5	0.125	4-5	0.247	4-5	0.486	4-5	0.925
1975 4-16	0.030	4-16	0.030	4-16	0.059	4-16	0.176	4-16	0.349	4-16	0.671	4-15	1.192
MAXIMUMS FOR PERIOD OF RECORD													
4-16	0.030	4-16	0.030	4-16	0.059	4-16	0.176	4-16	0.349	4-16	0.671	4-15	1.192
1975		1975		1975		1975		1975		1975		1975	

NOTES: Watershed Conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.002-21 this publication. For composition map showing location of rain gages see map page 74.002-21 and 74.002-22 this publication. Precipitation records began January 1968. Runoff records began November 25, 1971. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 28 recording gages. Runoff station averages include part-year records. Precipitation Station averages are for record period beginning 1971. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.

1971	DAILY PRECIPITATION (inches)					TIPICN, GEORGIA LITTLE RIVER WATERSHED E						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.24	0.02	0.02	0.0	0.18	0.32	0.02	0.0	0.03	0.05
2	0.0	0.0	0.91	0.60	0.12	0.0	1.38	0.08	0.35	0.0	0.10	1.15
3	0.0	0.0	0.61	0.01	0.01	0.0	1.14	0.0	0.13	0.0	0.17	1.37
4	0.36	0.0	0.0	0.0	0.0	0.0	1.23	0.97	0.16	0.01	0.0	0.0
5	0.37	0.66	0.0	0.98	0.0	0.04	0.03	0.04	0.01	0.0	0.01	0.03
6	0.04	0.0	0.06	0.02	0.0	0.02	0.13	0.12	0.01	0.0	0.0	0.12
7	0.01	1.74	0.07	0.01	0.01	0.12	0.34	0.02	0.0	0.0	0.0	0.13
8	0.76	0.67	0.0	0.02	1.08	0.0	0.01	0.0	0.0	0.0	0.0	0.0
9	0.16	0.0	0.0	0.0	0.02	0.02	0.01	0.59	0.0	0.98	0.03	0.0
10	0.03	0.0	0.15	0.0	0.01	1.13	0.06	0.20	0.0	0.25	0.02	0.0
11	0.01	0.0	0.0	0.0	0.0	0.03	0.68	0.32	0.0	0.0	0.0	0.50
12	0.01	0.49	0.0	0.0	1.02	0.0	0.02	0.01	0.03	0.01	0.0	0.01
13	0.02	0.05	0.47	0.0	0.02	0.29	0.05	0.0	0.0	0.0	0.0	0.01
14	0.01	0.0	0.04	0.0	0.0	0.17	0.16	0.0	0.0	0.18	0.0	0.0
15	0.18	0.0	0.45	0.0	0.59	0.24	0.36	0.15	0.0	0.04	0.0	0.0
16	0.0	0.0	0.0	0.0	0.01	0.05	0.01	0.16	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.01	0.81	0.0	0.01	0.06	0.01	0.0	0.05
18	0.0	0.0	0.0	0.0	0.0	0.26	0.0	0.25	0.01	0.0	0.0	0.01
19	0.0	0.0	0.36	0.0	0.01	0.16	0.01	0.0	0.0	0.0	0.01	0.0
20	0.0	0.99	0.0	0.0	0.02	0.05	0.04	0.0	0.0	0.07	0.04	2.35
21	0.01	0.0	0.0	0.0	0.0	0.19	0.06	0.30	0.08	0.08	0.0	0.03
22	0.0	0.28	0.13	0.0	0.0	0.06	0.01	0.17	0.09	0.0	0.0	0.03
23	0.14	0.0	0.21	0.28	0.0	0.02	0.18	0.13	0.01	0.0	0.0	0.0
24	0.02	0.0	0.0	0.13	0.0	0.0	0.05	0.01	0.0	0.43	0.35	0.0
25	0.32	0.0	0.71	0.0	0.0	0.10	0.01	0.41	0.0	0.0	0.02	0.0
26	0.0	0.13	1.08	0.0	0.0	0.02	0.16	0.39	0.0	0.0	0.0	0.0
27	0.0	0.38	0.01	0.0	0.01	0.0	0.13	0.03	0.02	0.0	0.0	0.0
28	0.0	0.66	0.01	0.20	0.05	0.40	0.09	0.0	0.0	0.0	1.52	0.0
29	0.0	0.0	0.44	0.93	0.0	0.83	1.03	1.48	0.0	0.0	0.65	0.0
30	0.38	0.0	0.0	1.78	0.0	0.25	0.18	0.10	0.0	0.0	0.0	0.0
31	0.01	0.0	0.0	0.0	0.01	0.0	0.61	0.03	0.0	0.07	0.0	0.06
TOTAL	2.84	6.05	5.95	4.98	3.42	5.26	8.35	6.29	0.98	2.17	2.95	5.94
STA AV	2.84	6.05	5.95	4.98	3.42	5.26	8.35	6.29	0.98	2.17	2.95	5.94

NOTES: Values are weighted using Reciprocal Distance Squared Method from 28 recording gages. STA AV are based on 1 yr (1971) record period.

1972	DAILY PRECIPITATION (inches)					TIPICN, GEORGIA LITTLE RIVER WATERSHED E						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	1.48	0.01	0.01	0.0	0.0	0.17	0.0	0.0	0.0	0.01	0.01
2	0.31	0.01	0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0
3	0.0	1.21	0.0	0.0	0.05	0.0	0.0	0.01	0.0	0.0	0.0	0.01
4	0.01	0.0	0.01	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.01
5	0.51	0.0	0.15	0.0	0.0	0.0	0.99	0.0	0.0	0.0	0.0	0.09
6	0.01	0.04	0.0	0.0	0.0	0.02	0.02	0.0	0.0	0.0	0.09	1.96
7	0.0	0.80	0.0	0.0	0.01	0.01	0.02	0.11	0.0	0.0	0.04	0.0
8	0.0	0.0	0.31	0.11	0.67	0.02	0.0	0.01	0.0	0.0	0.0	0.0
9	0.01	0.0	0.0	0.0	0.01	0.03	0.0	0.05	0.15	0.0	0.01	0.0
10	0.37	0.0	0.0	0.0	0.0	0.14	0.0	0.01	0.01	0.0	0.01	0.0
11	0.62	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.05	0.0
12	0.05	0.47	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.52	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0	0.72	0.0
14	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.16	0.0	0.18	0.03	0.0
15	0.02	0.37	0.0	0.0	0.09	0.0	0.57	0.01	0.0	0.06	0.0	0.22
16	0.0	0.62	0.46	0.0	0.0	0.0	0.21	0.0	0.0	0.0	0.0	0.0
17	0.0	0.04	0.05	0.0	0.0	0.34	0.09	0.01	0.0	0.0	0.0	0.0
18	0.01	0.02	0.11	0.0	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0
19	0.01	0.0	0.06	0.0	0.05	3.50	0.10	0.0	0.0	0.0	0.35	0.0
20	0.0	0.0	0.0	0.0	0.06	1.11	0.19	0.08	0.02	0.0	0.0	0.01
21	0.0	0.0	0.0	0.0	0.04	0.01	0.02	0.0	0.0	0.0	0.0	1.24
22	0.63	0.0	0.03	0.49	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.09
23	0.02	0.0	0.0	0.0	0.03	0.0	0.0	0.03	0.0	0.0	0.0	0.0
24	0.0	0.01	0.0	0.0	0.0	0.0	1.18	0.08	0.0	0.59	0.0	0.15
25	0.07	0.02	0.15	0.0	0.07	2.09	0.15	0.54	0.04	0.01	0.53	0.0
26	0.0	0.34	0.0	0.0	0.0	0.03	0.03	0.41	0.01	0.0	0.0	0.0
27	0.01	0.43	0.01	0.0	0.14	1.00	0.03	0.01	0.01	1.21	0.0	0.0
28	0.0	0.02	0.54	0.0	0.18	0.02	0.01	0.40	0.04	0.0	0.0	0.0
29	0.16	0.0	0.03	0.0	0.01	0.10	0.08	0.03	0.01	0.0	0.28	0.0
30	0.09	0.0	1.88	0.0	0.02	0.0	0.29	0.0	0.46	0.01	0.20	0.01
31	0.09	0.0	0.10	0.0	0.0	0.0	0.36	0.0	0.0	0.0	0.0	1.28
TOTAL	4.82	5.88	4.41	0.61	1.58	9.01	4.51	1.99	0.75	2.07	2.32	5.08
STA AV	3.83	5.97	5.18	2.80	2.70	7.14	6.43	4.14	0.87	2.12	2.64	5.51

NOTES: Values are weighted using Reciprocal Distance Squared Method from 28 recording gages. STA AV are based on 2 yr (1971-72) record period.



1973 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED B												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.72	1.25	0.0	0.92	0.0	0.28	0.0	0.01	0.04	0.02	0.0	0.0
2	0.70	1.26	0.01	0.0	0.0	0.02	0.01	0.65	0.01	0.0	0.01	0.0
3	0.03	0.0	0.04	1.68	0.03	0.0	0.0	0.22	0.02	0.0	0.0	0.0
4	0.09	0.0	0.0	0.15	0.0	0.04	0.0	0.34	0.0	0.0	0.0	0.14
5	0.0	0.0	0.04	0.0	0.0	0.0	0.11	0.02	0.04	0.0	0.0	0.37
6	0.01	0.0	0.07	0.0	0.0	0.56	0.01	0.01	0.0	0.0	0.0	0.0
7	0.27	0.0	0.0	1.60	0.01	0.03	0.0	0.58	0.0	0.0	0.0	0.0
8	1.29	0.53	0.03	0.0	0.79	0.33	1.16	0.01	0.0	0.0	0.01	0.0
9	0.0	1.98	0.45	0.0	0.01	0.29	0.05	0.0	0.0	0.0	0.03	0.0
10	0.03	0.02	0.01	0.0	0.01	0.14	0.0	0.0	0.82	0.0	0.0	0.0
11	0.02	0.34	0.0	0.0	0.0	0.45	0.0	0.0	0.01	0.0	0.0	0.0
12	0.0	0.0	0.32	0.0	0.0	0.25	0.0	0.0	0.03	0.0	0.0	0.0
13	0.02	0.0	0.01	0.0	0.0	0.01	1.02	0.0	0.17	0.0	0.0	0.0
14	0.01	0.66	0.0	0.0	0.01	0.02	0.20	0.21	0.32	0.0	0.0	0.0
15	0.01	0.0	0.0	0.0	0.0	0.28	0.01	0.02	0.01	0.0	0.01	0.56
16	0.0	0.0	0.45	0.0	0.0	0.21	0.11	0.67	0.0	0.0	0.04	0.57
17	0.01	0.0	0.01	0.0	0.0	0.50	0.01	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.01	1.42	0.03	0.0	0.0	0.0	0.0
19	0.77	0.0	0.0	0.0	0.04	0.03	0.02	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.10	0.0	0.01	0.62	0.0	0.0	0.0	0.0	0.03	0.27
21	0.14	0.0	0.01	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.49	0.0
22	0.66	0.0	0.0	0.0	0.05	0.13	0.02	0.0	0.0	0.02	0.01	0.0
23	0.0	0.0	0.0	0.0	0.01	0.34	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.0
25	0.0	0.01	0.50	1.97	0.16	0.03	0.24	0.05	0.0	0.03	0.0	0.01
26	0.68	0.02	0.0	2.42	1.51	0.02	0.27	0.12	0.03	0.0	0.0	0.65
27	0.0	0.0	0.0	0.0	0.02	0.0	0.56	0.03	0.09	0.0	0.0	0.01
28	0.43	0.0	0.15	0.0	0.05	0.66	0.25	0.11	0.0	0.34	0.56	0.0
29	0.0	0.0	0.38	0.0	0.34	0.08	0.0	0.02	0.0	0.0	0.0	0.0
30	0.0	1.32	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.82
31	0.0	1.80	0.0	0.0	0.0	0.0	0.09	0.59	0.0	0.22	0.0	0.01
TOTAL	5.89	6.11	6.14	8.74	3.27	5.44	5.56	4.09	1.59	0.64	1.19	3.81
STA AV	4.52	6.01	5.50	4.78	2.89	6.57	6.14	4.12	1.11	1.63	2.15	4.94

NOTES: Values are weighted using Reciprocal Distance Squared Method from 28 recording gages. STA AV are based on 3 yr (1971-73) record period.

1974 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED B												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.68	0.02	0.0	0.0	0.0	0.01	0.0	0.73	0.14	0.0	0.0	0.0
2	0.0	0.20	0.0	1.07	0.0	0.57	0.65	0.11	0.04	0.0	0.0	0.0
3	0.0	0.26	0.0	0.01	0.0	0.27	0.47	0.23	0.39	0.0	0.0	0.0
4	0.02	0.0	0.0	2.10	0.0	0.01	0.01	0.32	0.0	0.0	0.0	0.0
5	0.01	0.0	0.0	0.30	0.19	0.78	0.05	1.55	0.99	0.0	0.0	0.0
6	0.01	1.64	0.0	0.0	0.10	0.01	0.01	0.46	2.68	0.0	0.05	0.0
7	0.05	1.66	0.0	0.0	0.0	0.0	0.0	0.47	0.49	0.0	0.01	0.26
8	0.01	0.36	0.0	0.67	0.0	0.35	0.11	0.01	0.68	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.29	0.0	0.04	0.0
10	0.0	0.0	0.0	0.0	0.0	0.36	0.18	0.0	0.01	0.0	0.0	0.0
11	0.90	0.0	0.0	0.0	1.82	0.0	0.02	0.0	0.0	0.0	0.09	0.0
12	0.01	0.0	0.02	0.0	0.32	0.0	0.04	0.0	0.0	0.0	0.01	0.05
13	0.0	0.0	0.0	0.07	0.0	0.01	0.0	0.49	0.0	0.0	0.0	0.0
14	0.01	0.0	0.0	0.51	0.0	1.16	0.0	0.04	0.02	0.0	0.04	0.0
15	0.0	0.33	0.0	0.12	0.28	0.0	0.0	0.25	0.0	0.0	0.0	0.33
16	0.0	1.41	0.16	0.0	0.08	0.0	0.0	0.10	0.01	0.63	0.01	0.0
17	0.01	0.0	0.0	0.0	0.07	0.0	0.02	0.11	0.06	0.0	0.09	0.0
18	0.0	0.0	0.0	0.0	0.02	0.0	0.46	0.01	0.0	0.0	0.01	0.0
19	0.0	0.88	0.61	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.01
20	0.20	0.0	0.06	0.0	0.01	0.45	0.76	0.04	0.0	0.0	0.82	1.32
21	0.13	0.02	0.59	0.01	0.0	0.47	0.06	0.41	0.0	0.0	0.0	0.02
22	0.0	0.29	0.0	0.08	0.0	0.01	0.01	0.01	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.02	0.38	0.17	0.01	0.0	0.0	0.0	0.0	0.01
24	0.01	0.0	0.0	0.0	0.0	0.0	0.56	0.0	0.0	0.0	0.0	0.0
25	0.01	0.01	1.00	0.0	0.0	0.0	0.50	0.0	0.0	0.0	0.0	0.01
26	0.0	0.0	0.20	0.0	0.42	0.03	0.45	0.0	0.45	0.01	0.0	0.0
27	0.01	0.0	0.49	0.0	0.0	0.14	0.31	0.17	0.02	0.0	0.0	0.0
28	0.08	0.0	0.08	0.0	0.0	0.07	0.01	0.01	0.01	0.0	0.0	0.03
29	0.68	0.0	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.47	0.0	0.0	0.0	0.0	0.0	0.42	0.19	0.0	0.0	0.70	0.0
31	0.01	0.0	0.0	0.0	0.01	0.0	0.04	0.12	0.0	0.0	0.0	0.0
TOTAL	4.31	7.08	4.01	4.96	3.70	4.87	5.21	5.83	6.28	0.64	1.87	2.04
STA AV	4.47	6.28	5.13	4.82	3.09	6.15	5.91	4.55	2.40	1.38	2.08	4.22

NOTES: Values are weighted using Reciprocal Distance Squared Method from 28 recording gages. STA AV are based on 4 yr (1971-74) record period.



1975 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED B												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.42	0.32	0.0	0.0	0.01	1.17	0.01	0.32	0.0	0.48
2	0.0	0.15	0.0	0.02	0.0	0.17	0.0	0.03	0.0	0.03	0.0	0.0
3	0.0	0.29	0.0	0.13	0.07	0.0	0.0	0.03	0.0	0.0	0.0	0.0
4	0.30	0.01	0.01	0.0	0.0	0.0	0.0	0.07	0.0	0.33	0.0	0.01
5	0.0	0.09	0.07	0.0	0.0	0.0	0.27	0.01	0.0	0.02	0.0	0.0
6	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.15	0.23	0.01	0.0
7	0.0	0.0	0.21	0.0	0.31	0.0	0.10	0.01	0.0	0.38	0.10	0.15
8	1.12	0.0	0.0	0.0	0.01	0.0	0.68	0.31	0.08	0.09	0.09	0.0
9	0.0	0.0	0.0	0.90	0.01	0.20	0.11	0.01	0.10	0.0	0.01	0.32
10	0.0	0.01	0.01	2.84	0.01	0.18	0.03	0.29	0.10	0.0	0.32	0.0
11	0.62	0.0	0.0	0.08	0.0	0.47	0.61	0.14	0.01	0.0	0.01	0.0
12	2.09	0.08	0.0	0.0	0.09	0.45	0.03	0.01	0.0	0.0	0.66	0.0
13	0.0	0.0	0.01	0.07	0.01	0.0	0.0	0.03	0.0	0.0	0.0	0.0
14	0.01	0.0	0.15	2.88	0.52	0.01	1.05	0.0	0.0	0.0	0.0	0.01
15	0.0	0.0	0.01	0.01	0.47	0.21	1.04	0.0	0.0	0.0	0.0	0.0
16	0.0	0.48	2.69	0.0	0.90	0.0	0.05	0.0	0.0	0.0	0.0	0.12
17	0.0	0.24	0.01	0.0	0.33	0.0	0.16	0.04	0.36	1.46	0.0	0.46
18	0.0	0.07	2.12	0.0	0.0	0.01	0.04	0.0	0.62	0.0	0.0	0.0
19	0.50	0.43	0.0	0.10	0.0	0.25	0.0	0.11	0.63	0.0	0.01	0.0
20	0.50	0.0	0.0	0.61	0.0	0.0	0.26	0.0	0.02	0.0	0.0	0.0
21	0.0	0.03	0.0	0.0	0.0	0.0	0.16	0.14	0.21	0.0	0.10	0.0
22	0.27	0.46	0.04	0.0	0.0	0.0	0.01	0.01	0.07	0.0	0.0	0.0
23	0.47	0.03	0.01	0.0	0.0	0.0	0.14	0.03	0.10	0.0	0.02	0.0
24	0.07	0.25	0.97	0.0	0.0	0.0	0.01	0.02	0.0	0.0	0.01	0.0
25	0.36	0.01	0.01	0.0	0.01	1.12	0.0	0.07	0.0	0.0	0.0	0.91
26	0.0	0.0	0.0	0.0	0.03	0.38	0.04	0.0	0.0	0.0	0.0	0.10
27	0.0	0.0	0.0	0.14	0.0	0.01	0.03	0.37	0.0	0.0	0.19	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.43	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.67	0.06	0.35	0.18	0.34	0.18	0.0	0.0	0.21
30	0.0	0.17	0.15	0.11	0.04	0.34	0.70	0.01	0.0	0.0	0.0	0.27
31	0.0	0.0	0.0	0.50	0.0	0.01	0.05	0.0	0.0	0.0	0.0	0.79
TOTAL	6.33	2.63	6.91	8.92	4.24	3.85	5.67	4.54	2.65	2.86	1.53	3.83
STA AV	4.84	5.55	5.48	5.64	3.32	5.69	5.86	4.55	2.45	1.68	1.97	4.14

NOTES: Values are weighted using Reciprocal Distance Squared Method from 28 recording gages. STA AV are based on 5 yr (1971-75) record period.

1971 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED B												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	6.85
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	10.98
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	104.80
4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	170.03
5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	203.88
6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	359.70
7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	348.22
8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	231.70
9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	162.39
10	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	141.57
11	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	128.37
12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	115.22
13	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	110.62
14	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	135.05
15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	168.51
16	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	164.68
17	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	129.14
18	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	58.89
19	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	83.11
20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	122.25
21	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	334.87
22	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	434.96
23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	671.92
24	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.0 T	550.63
25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.02	361.52
26	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.12	253.94
27	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.26	193.38
28	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.45	167.84
29	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3.82	152.56
30	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	7.86	140.23
31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	131.15
MEAN												206.71
INCHES												1.847
STA AV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.847

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0002831. STA AV based on 1 yr (1971) record period.

1972	MEAN DAILY DISCHARGE (cfs)					TIPTON, GEORGIA LITTLE RIVER WATERSHED E						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	128.9	199.3	329.0	439.5	4.1	0.0	364.6	43.7E	0.0	0.0	0.0	0.1
2	128.4	441.3	276.4	862.6	2.9	0.0	210.0	47.6E	0.0	0.0	0.0	0.2
3	138.1	861.4	257.6	615.5	2.2	0.0	116.6	27.0E	0.0	0.0	0.0	0.4
4	134.4	1196.4	250.9	357.2	1.8	0.0	75.4	16.7E	0.0T	0.0	0.0	0.5
5	199.6	1024.1	268.3	217.6	1.3	0.0	63.2	10.9	0.0	0.0	0.0	0.6
6	262.5	756.2	251.5	158.9	1.0	0.0	61.8	6.5	0.0	0.0	0.0	6.0
7	225.4	560.5	202.2	132.5	0.7	0.0	63.4	3.9	0.0	0.0	0.0	20.6
8	198.4	551.0	173.9	119.0	0.7	0.0	110.4	2.4	0.0	0.0	0.0	20.0
9	167.7	645.7	168.1	107.8	0.8	0.0	220.0	1.5	0.0	0.0	0.0	12.5
10	204.0	552.2	154.5	96.9	0.7	0.0	151.2	1.0	0.0	0.0	0.0	8.3
11	228.5	414.8	162.6	90.8	0.6	0.0	69.3	0.6	0.0	0.0	0.0	6.2
12	178.4	312.8	146.3	79.2	0.4	0.0	35.2	0.4	0.0	0.0	0.0	5.0
13	237.9	321.1	117.4	65.8	0.4	0.0	20.6	0.3	0.0	0.0	0.0	4.3
14	754.1	315.7	95.3	56.6	0.5	0.0	13.4	0.2	0.0	0.0	0.0	3.8
15	1355.5	353.1	88.9	50.5	1.4	0.0	5.1	0.1	0.0	0.0	0.0	3.5
16	545.4	424.5	84.7	44.0	1.5	0.0	7.3	0.1	0.0	0.0	0.0	3.3
17	553.0	507.8	51.7	36.3	1.4	0.0	14.3	0.0	0.0	0.0	0.0	2.9
18	382.7	526.9	99.9	29.0	1.4	0.0	22.0	0.0	0.0	0.0	0.0	2.6
19	270.7	521.1	145.5	23.1	1.4	0.0	15.8	0.0T	0.0	0.0	0.0	2.4
20	227.0	430.0	191.0	18.3	1.2	6.6	14.8	0.0	0.0	0.0	0.0	2.3
21	210.7	310.9	162.3	14.2	0.9	26.1	11.1	0.0	0.0	0.0	0.0	7.6
22	217.8	233.7	123.1	12.9	0.7	66.2	9.8	0.0	0.0	0.0	0.0	44.1
23	297.3	193.5	94.4	16.1	0.5	137.8	5.7	0.0	0.0	0.0	0.0	43.1
24	359.9	177.5	76.0	16.4	0.3	142.7	8.4	0.0	0.0	0.0	0.0	24.3
25	370.7	172.1	66.2	19.0	0.2	101.6	40.2	0.0	0.0	0.0	0.0	16.8
26	313.5	184.1	58.2	20.2	0.2	146.7	91.7	0.0	0.0	0.0	0.0	14.5
27	238.9	250.7	51.7	16.5	0.1	252.1	78.8	0.0	0.0	0.0	0.0	12.7
28	194.9	395.2	57.6	12.2	0.1	635.2	59.9	0.0T	0.0	0.0	0.0	11.1
29	166.0	361.6	82.2	8.4	0.1	563.9	34.8	0.0	0.0	0.0	0.0	9.5
30	156.6		112.4	5.8	0.1	495.5	21.2E	0.0	0.0	0.0	0.0	9.0
31	168.6		301.4		0.1		14.6E	0.0		0.0		9.6
MEAN	310.14	455.09	153.03	124.73	0.97	86.61	65.85	5.25	0.00	0.0	0.00	9.94
INCHES	2.771	3.803	1.367	1.078	0.005	0.749	0.585	0.047	0.000	0.0	0.0	0.089
STA AV	2.771	3.803	1.367	1.078	0.005	0.749	0.585	0.047	0.000	0.0	0.0	0.568

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0002831. STA AV based on 2 yr (1971-72) record period.

1973	MEAN DAILY DISCHARGE (cfs)					TIPTON, GEORGIA LITTLE RIVER WATERSHED E						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	32.6	261.0	146.7	1571.7	408.3	120.7	33.8	37.8	1.0	0.0	0.0	0.0
2	114.1	1040.5	140.8	2019.3E	266.0	130.1	63.5	22.5	0.7	0.0	0.0	0.0
3	201.3	1035.3	132.7	2031.5E	193.4	106.6	75.5	16.2	0.5	0.0	0.0	0.0
4	151.0	1107.7	125.9	1643.1E	153.1	83.0	40.2	17.6	0.3	0.0	0.0	0.0
5	125.8	939.6	121.3	1543.9	127.9	60.2	20.1	41.4	0.2	0.0	0.0	0.0
6	112.2	548.9	119.2	1216.5	112.5	38.2	11.8	63.7	0.2	0.0	0.0	0.0
7	100.2	388.8	121.8	790.4	99.4	31.6	8.4	64.3	0.2	0.0	0.0	0.0
8	149.7	298.3	127.0	1054.1	92.6	32.3	6.1	138.8	0.2	0.0	0.0	0.0
9	325.7	403.7	138.9	1410.7	122.3	49.9	5.5	130.0	0.1	0.0	0.0	0.0
10	310.2	1257.4	172.7	1238.4	145.9	68.9	4.4	169.0	0.1	0.0	0.0	0.0
11	300.0	1451.4	193.3	647.3	215.8	124.0	5.7	164.0	0.1	0.0	0.0	0.0
12	290.7	1470.5	220.2	419.9	231.7	290.2	63.1	82.7	0.2	0.0	0.0	0.0
13	235.8	1007.1	225.9	298.5	153.0	237.7	92.4	36.9	1.7	0.0	0.0	0.0
14	180.2	632.9	197.4	230.2	88.1	223.8	58.0	20.5	11.8	0.0	0.0	0.0
15	147.8	599.0	184.4	194.2	53.9	144.0	43.4	14.2	14.4	0.0	0.0	0.0
16	127.2	545.9	164.7	171.6	36.6	91.2	83.9	17.6	10.6	0.0	0.0	0.0
17	112.0	605.2	140.5	152.6	26.8	76.8	120.3	41.2	9.0	0.0	0.0	0.0
18	103.7	536.6	117.0	140.2	19.8	52.8	96.6	52.9	9.0	0.0	0.0	0.2
19	128.0	406.6	108.1	129.9	14.9	95.7	105.6	41.8	6.8	0.0	0.0	0.4
20	180.8	303.5	126.0	120.2	11.6	135.7	223.0	35.6	4.4	0.0	0.0	0.7
21	183.0	253.2	139.0	110.2	8.9	212.9	199.5	25.2	2.8	0.0	0.0	0.9
22	262.8	225.2	112.2	99.7	7.0	222.5	140.5	15.3	1.8	0.0	0.0	1.0
23	327.0	205.5	87.0	87.7	5.6	212.4	68.1	9.4	1.1	0.0	0.0	1.0
24	291.9	189.7	76.7	76.6	4.8	149.1	32.1	5.5	0.7	0.0	0.0	1.0
25	279.9	176.1	87.3	79.6	4.2	105.6	17.5	3.7	0.5	0.0	0.0	1.0
26	272.1	166.5	117.7	940.4	6.4	129.1	11.0	2.6	0.3	0.0	0.0	1.3
27	295.3	158.8	144.3	2003.1	39.4	100.9	8.8	2.0	0.3	0.0	0.0	2.2
28	290.3	151.3	197.9	1987.0E	70.8	56.2	13.3	1.5	0.2	0.0	0.0	2.7
29	326.6		233.7	1424.3	130.3	55.4	36.9	1.2	0.1	0.0	0.0	2.7
30	316.3		240.4	705.8	186.0	42.2	66.0	1.1	0.1	0.0	0.0	2.8
31	292.9		514.2		151.0		58.3	1.0		0.0		2.9
MEAN	211.82	584.44	160.46	824.54	102.83	117.52	58.45	41.21	2.65	0.00	0.0	0.67
INCHES	1.892	4.716	1.434	7.129	0.919	1.016	0.523	0.368	0.023	0.000	0.0	0.006
STA AV	2.332	4.260	1.400	4.103	0.464	0.682	0.556	0.208	0.011	0.000	0.0	0.647

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0002831. STA AV based on 3 yr (1971-73) record period.

1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED E												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	6.3	104.6	148.8	552.0	10.4	5.3	4.0	32.1	4.7	23.6	0.2	2.3E
2	14.1	127.5	141.5	422.1	8.0	3.9	2.8	28.4	3.1	20.5	0.2	2.7E
3	16.8	130.8	137.9	416.1	6.3	7.7	2.6	25.4	2.4	15.5	0.2	2.6E
4	39.4	102.9	133.3	431.4	4.8	7.7	2.2	38.1	3.8	11.0	0.2	2.2E
5	61.0	80.1	127.1	1426.6	3.7	5.4	2.0	155.5	8.7	7.4	0.3	1.9
6	60.2	89.6	120.7	1621.1	3.1	73.9	5.5	151.5	138.7	5.1	0.4	2.1
7	46.7	233.6	110.2	1331.3	2.8	64.2	9.1	152.2	486.3	3.5	0.5	3.1
8	37.1	615.4	99.4	762.9	2.6	50.2	8.1	320.9	670.7	2.5	0.4	4.2
9	32.2	1180.3	91.5	518.5	2.2	126.3	6.2	384.8	1050.7	1.6	0.4	4.7
10	28.9	1247.1	84.0	456.3	1.8	102.2	4.1	306.7	796.7	1.3	0.4	4.5
11	30.2	718.2	77.4	459.1	1.6	82.9	3.0	195.3	580.1	1.0	0.4	4.2
12	40.1	437.2	73.1	347.4	93.2	79.9	2.2	95.4	419.6	0.8	0.4	4.1
13	41.8	301.0	69.2	236.7	219.3	44.5	1.8	55.3	268.8	0.6	0.4	4.4
14	60.4	234.7	62.6	178.5	204.2	25.0	1.3	44.3	167.5E	0.5	0.4	4.5
15	80.4	204.2	56.3	326.5	207.0	106.6	0.9	53.3	111.2E	0.4	0.3	4.7
16	77.4	333.7	51.2	418.0	139.5	118.9	0.6	84.8	77.5E	0.6E	0.3	5.1
17	59.4	506.0	46.7	295.2	93.7	56.5	0.3	106.7	60.9	0.8E	0.3	5.2
18	46.2	784.6	46.4	215.5	66.3	44.3	0.2	95.3	50.4	1.0E	0.3	5.0
19	39.3	859.6	54.3	165.4	46.4	42.4	0.2	61.7	40.7	1.1E	0.3	5.3
20	35.7	545.2	65.9	116.7	34.9	25.1	0.2	40.5	33.2	1.0E	0.5	9.5
21	37.5	743.6	91.3	83.4	25.4	33.2	0.4	31.4	30.5	0.8E	0.8	28.1
22	39.9	859.0	171.5	64.3	16.6	41.1	1.3	23.4	27.6	0.7	1.0	33.7
23	46.5	555.5	209.8	53.3	11.1	30.8	1.8	16.8	21.3	0.5	1.0	42.6
24	54.0	414.5	229.0	45.6	7.6	26.5	1.7	16.9	16.0	0.5	1.0	61.6
25	51.4	330.3	248.3	38.8	5.0	19.6	1.8	52.0	12.4E	0.4	1.0	68.5
26	44.9	255.5	247.0	33.4	3.4	13.0	10.6	41.9	10.5E	0.3	0.8	47.5
27	37.9	201.0	263.1	28.5	2.5	9.1	23.0	23.0	10.9E	0.3	0.8E	31.5
28	32.7	166.4	427.1	22.9	4.7	7.6	37.9	22.0	11.3E	0.3	0.7E	24.1
29	29.7		456.4	17.3	11.1	7.2	38.2	19.5	12.3E	0.2	0.6E	20.5
30	68.6		488.0	13.4	11.6	5.9	31.5	12.2	20.3E	0.2	0.9E	18.1
31	104.7		521.6		8.2		30.8	7.5		0.2		16.2
MEAN	45.20	441.43	166.15	369.50	40.61	42.29	7.62	86.93	171.60	3.37	0.51	15.31
INCHES	0.404	3.562	1.484	3.198	0.363	0.366	0.068	0.777	1.484	0.030	0.004	0.137
STA AV	1.685	4.027	1.428	3.802	0.430	0.710	0.393	0.397	0.502	0.010	0.001	0.520

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0002831. STA AV based on 4 yr (1971-74) record period.

1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED E												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	15.4	169.5	139.0	181.5	234.7	10.1E	36.8	49.8	28.2	2.6	1.1	1.7
2	15.1	151.1	144.1	204.8E	276.4	37.5E	27.7	94.7	25.6	2.4E	0.5	2.5
3	14.4	142.3	146.0	223.2E	232.4	122.4E	19.1	81.2	19.0	2.3E	0.7	3.3
4	14.6	145.7	144.8	231.8E	168.8	143.8	11.1	184.9	11.7	2.0E	0.6	3.8
5	15.4	166.1	155.2	209.3E	132.2	110.4	7.0	300.6	6.8	1.9E	0.5	5.0
6	15.1	215.8	131.9	175.9E	111.8	65.6	7.5	155.6	4.0	1.8E	0.4	5.9
7	15.4	219.6	107.9	140.1E	105.5	36.1	6.1	68.5	2.7	2.4E	0.4	6.0
8	32.2E	187.7	105.9	99.2E	93.8	15.7	5.4	38.5	2.3	8.3E	0.4	6.0
9	61.4E	156.1	99.7	82.5	85.8	12.1	5.0	27.9	2.0	15.4	0.4	6.2
10	71.4E	131.5	99.6	654.1	91.7	8.1	5.3	25.5	1.6	16.2	0.4	6.3
11	104.7E	110.7	104.3E	1395.1	98.7	6.1	5.5	31.5	1.1	13.8	0.4	6.5
12	182.3E	102.6	89.2E	1658.7	83.0	6.1	15.6	59.9	0.8	11.5	0.6E	9.9
13	375.3E	102.4	73.7E	1290.8	64.1	10.1	14.6	61.4	0.6	9.0	1.7E	12.1
14	387.1	98.7	67.0E	893.1	61.3	43.2	25.0	39.2E	1.9	6.7	2.6E	11.3
15	535.4	93.8	63.8E	1581.1	184.6	39.0	39.0	25.4E	2.7	4.9	2.7E	9.6
16	510.0	90.4	211.6E	2321.7E	287.3	68.7	63.1E	17.0E	2.3	3.5	2.7E	8.2
17	350.1	116.4	534.2E	1709.3E	415.7	42.5	316.9E	11.7E	2.2	4.3	4.6E	8.1
18	232.0	128.0	1093.5E	884.2	556.3	26.4	516.8E	8.5E	2.6E	9.1	6.0E	8.7
19	174.9	171.1	1675.5E	492.7	586.2	16.8	361.0E	6.4E	4.4E	16.5	5.6E	9.3
20	219.7	282.6	1552.7	426.6	463.3	12.4	204.7E	4.5E	6.6E	40.9	4.6E	15.4
21	263.3	283.1	1385.9	465.6	272.4	8.1	121.5E	3.0	24.1E	41.7	3.8E	22.0
22	341.3	267.2	819.4	503.9	144.4	5.5	75.2E	2.3	57.6E	25.9	2.9E	19.7
23	465.0	264.0	485.0	418.1	83.3	3.9	55.0E	1.5	41.0E	15.7	2.3E	15.5
24	437.2	254.4	391.6	281.9	55.9	2.9	99.4	1.3	25.1	10.3	2.0E	12.3
25	400.4	280.8	837.7	200.3	41.1	2.7	97.5	1.2	16.5E	7.3	1.6E	10.9
26	468.4	273.1	579.9	158.3	30.5	6.0	83.2	1.0	11.1E	5.4	1.4	22.3
27	421.5	236.0	494.6	137.7	22.6	12.4	52.1	0.7	7.6E	4.0	1.4	30.9
28	385.6	186.2	409.1	133.9	17.2	60.4	29.8	0.7	5.2E	3.1	1.4	42.7
29	321.0		291.4	161.7	13.9	97.1	21.7	0.7	3.8E	2.5	1.4	59.2
30	242.1		214.3	384.7	12.2	73.6	19.2	0.9	3.0E	1.9	1.4	61.8
31	194.9		184.7		10.5		28.0	12.3		1.5		70.7
MEAN	234.91	179.51	413.93	589.98	162.47	38.40	76.77	42.52	10.80	9.50	1.90	16.57
INCHES	2.099	1.449	3.698	5.101	1.451	0.332	0.686	0.380	0.093	0.085	0.016	0.148
STA AV	1.791	3.382	1.996	4.126	0.685	0.616	0.466	0.393	0.400	0.029	0.005	0.445

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0002831. STA AV based on 5 yr (1971-75) record period.



1972 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED E							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JANUARY 13 - 19, 1972										
RG 000017			RG 000017							
1-13	0.0	0.003	1-13	605	0.0	0.0	1-13	140	172.001	0.0
				610	1.2000	0.10		150	174.450	0.0004
				615	1.2000	0.20		435	176.958	0.0061
				1200	0.0174	0.30		640	187.277	0.0063
				1205	1.2000	0.40		910	195.242	0.0071
WATERSHED CONDITIONS: Residential, 1.0%; water, 1.5%; crops, 35.8%; wet- land, 2.5%; pasture, 17.8%; roads, 0.9%; commercial, 0.4%; forest, 35.7%.				1210	4.8000	0.80		1145	211.844	0.0075
				1215	6.0000	1.30		1350	223.413	0.0091
				1335	0.0750	1.40		1445	244.660	0.0096
				1350	0.4000	1.50		1635	260.625	0.0098
				1400	0.6000	1.60		1845	301.745	0.0104
				1405	2.4000	1.60		2135	343.028	0.0111
				1425	0.3000	1.50		2350	375.259	0.0119
				1440	0.8000	2.10		2400	375.259	0.0126
				1455	0.4000	2.20	1-14	315	436.510	0.0135
				1635	0.0600	2.30		510	474.288	0.0144
			1-14	1640	2.4000	2.50		725	509.082	0.0170
				709	0.0	2.50		930	554.969	0.0157
				715	1.0000	2.60		1010	582.986	0.0209
				720	1.2000	2.70		1150	637.845	0.0234
				725	2.4000	2.50		1230	673.780	0.0254
				730	2.4000	3.10		1325	743.031	0.0269
				735	1.2000	3.20		1345	759.803	0.0299
				750	1.2000	3.50		1400	792.844	0.0322
								1510	857.062	0.0356
								1610	934.631	0.0374
								1705	980.020	0.0413
								1815	1054.174	0.0434
								1915	1097.917	0.0489
								2010	1141.158	0.0545
								2035	1169.841	0.0569
								2125	1212.454	0.0593
								2205	1226.635	0.0690
								2255	1268.887	0.0716
								2355	1296.923	0.0819
								2400	1310.852	0.0832
							1-15	25	1310.892	0.0897
								35	1324.854	0.0924
								120	1338.775	0.1044
								200	1366.577	0.1071
								320	1380.437	0.1291
								330	1394.281	0.1319
								415	1394.281	0.1444
								425	1408.125	0.1472
								735	1421.935	0.2010
								810	1421.935	0.2067
								1215	1408.125	0.2732
								1235	1394.281	0.2746
								1430	1380.437	0.3065
								1450	1366.577	0.3093
								1530	1366.577	0.3202
								1535	1352.677	0.3216
								1715	1338.779	0.3485
								1725	1324.854	0.3511
								1800	1324.854	0.3604
								1815	1310.892	0.3617
								1930	1296.923	0.3813
								1940	1282.928	0.3839
								2015	1282.928	0.3929
								2020	1268.887	0.3941
								2145	1254.841	0.4156
								2215	1240.762	0.4206
								2220	1226.635	0.4218
								2340	1212.454	0.4413
								2400	1198.297	0.4449
							1-16	105	1184.085	0.4604
								135	1155.529	0.4616
								250	1141.158	0.4742
								300	1126.825	0.4765
								335	1126.825	0.4844
								340	1112.384	0.4855

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.

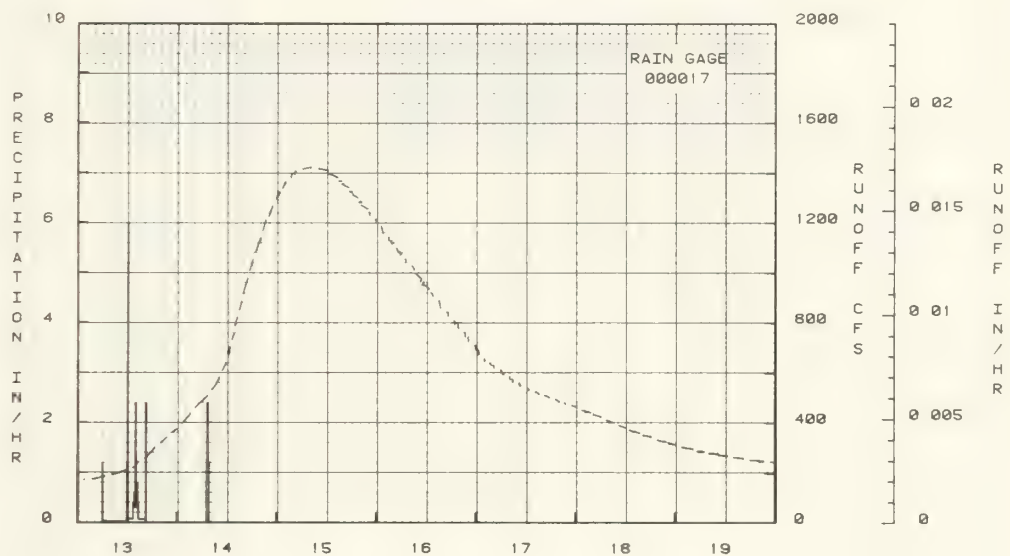


1972			TIFTON, GEORGIA LITTLE RIVER WATERSHED E							
SELECTED RUNOFF EVENT										
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF JANUARY 13 - 19, 1972 (CONTINUED)										
1-16							450	1097.917	0.5010	
							510	1083.356	0.5031	
							540	1083.396	0.5056	
							545	1068.802	0.5107	
							700	1054.174	0.5267	
							705	1039.460	0.5277	
							835	1024.708	0.5463	
							905	1009.893	0.5503	
							920	554.980	0.5513	
							1025	580.020	0.5642	
							1040	564.981	0.5651	
							1050	580.020	0.5671	
							1105	945.840	0.5700	
							1125	564.961	0.5709	
							1130	545.840	0.5719	
							1245	934.631	0.5860	
							1315	919.332	0.5857	
							1340	903.915	0.5906	
							1505	888.417	0.6059	
							1530	857.062	0.6067	
							1720	841.215	0.6220	
							1725	825.218	0.6229	
							1850	809.104	0.6368	
							1900	792.844	0.6384	
							1940	792.844	0.6447	
							1945	776.356	0.6455	
							2120	759.803	0.6601	
							2130	743.031	0.6616	
							2210	743.031	0.6675	
							2215	726.041	0.6683	
							2350	708.863	0.6819	
							2400	691.456	0.6833	
1-17							35	691.456	0.6881	
							40	673.780	0.6888	
							200	655.855	0.6995	
							205	646.860	0.7001	
							330	637.845	0.7110	
							340	628.802	0.7123	
							420	628.802	0.7173	
							425	619.708	0.7179	
							600	610.590	0.7296	
							640	592.225	0.7302	
							810	562.986	0.7408	
							820	573.700	0.7420	
							855	573.700	0.7460	
							900	564.354	0.7466	
							1035	554.969	0.7572	
							1045	545.531	0.7583	
							1245	534.945	0.7669	
							1250	525.659	0.7674	
							1430	524.499	0.7780	
							1515	514.185	0.7785	
							1640	509.082	0.7872	
							1745	498.974	0.7877	
							1910	493.969	0.7961	
							2000	484.062	0.7966	
							2130	479.165	0.8053	
							2135	474.288	0.8058	
							2310	469.454	0.8147	
							2400	464.649	0.8185	
1-18							135	450.436	0.8194	
							335	441.116	0.8265	
							420	431.927	0.8269	
							610	422.875	0.8294	
							725	405.519	0.8299	
							915	400.781	0.8323	
							1040	387.859	0.8330	
							1220	379.468	0.8380	
							1305	371.155	0.8384	
							1530	358.918	0.8434	
							1620	350.912	0.8438	
							1815	343.028	0.8455	
							1950	331.418	0.8462	
							2150	323.824	0.8517	
							2240	316.349	0.8520	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.

1972 SELECTED FURCFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED B							
ANTECEDENT CONDITIONS			FAINFALL				FURCFF			
Date	Fainfall	Furcfff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JANUARY 13 - 19, 1972 (CONTINUED)										
							1-18	2400	312.656	0.8571
							1-19	155	301.745	0.8577
								425	254.611	0.8636
								525	287.551	0.8639
								705	264.124	0.8656
								820	277.271	0.8659
								1030	273.887	0.8771
								1035	270.530	0.8773
								1245	267.200	0.8843
								1410	260.625	0.8846
								1635	257.375	0.8921
								1805	250.964	0.8923
								2120	247.755	0.9021
								2310	244.660	0.9070
								2400	241.543	0.9091

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.



EVENT OF JANUARY 13 - 19, 1972  
TIPTON, GEORGIA LITTLE RIVER WATERSHED B

1973			TIFTON, GEORGIA LITTLE RIVER WATERSHED B									
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF			APRIL 24 - MAY 1, 1973									
RG 000017			RG 000017									
4-25	0.0		4-25	1608	0.0	0.0	4-24	2400	71.286	0.0		
4-24		0.022		1610	6.0015	0.20	4-25	525	69.917	0.0046		
				1615	6.0000	0.70		530	68.564	0.0047		
				1620	1.2001	0.80		1125	67.230	0.0095		
				1635	0.4000	0.90		1355	64.612	0.0095		
WATERSHED CONDITIONS:				1715	0.1500	1.00		1615	64.612	0.0114		
Residential, 1.0%; water,				1720	1.2001	1.10		1730	72.675	0.0114		
1.9%; crops, 35.8%; wet-				1725	2.4000	1.30		1845	84.423	0.0120		
land, 2.5%; pasture, 17.8%;				1730	4.7599	1.70		2050	105.730	0.0123		
roads, 0.9%; commercial,				1735	3.6000	2.60		2255	137.482	0.0126		
0.4%; forest, 39.7%.				1745	0.6000	2.10		2400	159.921	0.0134		
				1755	0.5999	2.20	4-26	145	214.697	0.0172		
				1845	0.1200	2.30		315	301.745	0.0180		
				1850	3.6000	2.60		435	356.450	0.0188		
				1855	1.1999	2.70		515	441.117	0.0197		
			4-26	1920	0.2400	2.80		700	529.700	0.0223		
				349	0.0	2.80		840	582.987	0.0246		
				700	0.0314	2.90		1000	619.708	0.0252		
				1010	0.0316	3.00		1035	637.845	0.0284		
				1020	0.6000	3.10		1110	651.458	0.0298		
				1055	0.5143	3.40		1150	708.863	0.0354		
				1105	0.5999	3.50		1240	776.396	0.0369		
				1110	1.2001	3.60		1315	805.104	0.0393		
				1120	0.5999	3.70		1320	841.219	0.0401		
				1205	0.1333	3.80		1345	872.812	0.0419		
				1240	0.1714	3.90		1405	919.333	0.0454		
				1245	2.4000	4.10		1420	934.631	0.0482		
				1250	1.1999	4.20		1500	1039.461	0.0561		
				1310	0.3000	4.30		1530	1097.917	0.0583		
				1315	2.4000	4.50		1655	1324.855	0.0789		
				1320	1.2001	4.60		1705	1338.779	0.0816		
				1325	2.4000	4.60		1855	1627.756	0.1142		
				1355	0.2000	4.90		1945	1723.258	0.1176		
				1435	0.1500	5.00		2010	1777.752	0.1264		
				1445	0.6000	5.10		2025	1751.415	0.1317		
				1505	0.3000	5.20		2045	1832.301	0.1390		
				1545	0.1500	5.30		2145	1900.470	0.1428		
				1635	0.1200	5.40		2215	1927.759	0.1466		
								2250	1941.355	0.1602		
								2325	1968.701	0.1641		
							4-27	2400	1982.350	0.1779		
								1215	1956.000	0.4704		
								1225	2005.677	0.4744		
								2045	2023.339	0.6761		
								2055	2037.001	0.6802		
							4-28	2400	2037.001	0.7556		
								945	2037.001	0.7596		
								1300	2023.339	0.8388		
								1320	2009.677	0.8429		
								1410	2009.677	0.8630		
								1415	1996.000	0.8650		
								1600	1982.350	0.9068		
								1610	1968.701	0.9107		
								1645	1968.701	0.9245		
								1650	1955.037	0.9264		
								1805	1941.355	0.9557		
								1815	1927.759	0.9595		
								1845	1927.759	0.9711		
								1850	1914.103	0.9730		
								2005	1900.470	1.0017		
								2010	1886.820	1.0035		
								2110	1873.192	1.0261		
								2120	1859.566	1.0298		
								2155	1859.566	1.0429		
								2200	1845.922	1.0447		
								2250	1832.301	1.0631		
								2320	1818.676	1.0704		
								2325	1805.034	1.0722		
								2400	1791.415	1.0848		
							4-29	55	1777.752	1.1044		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.

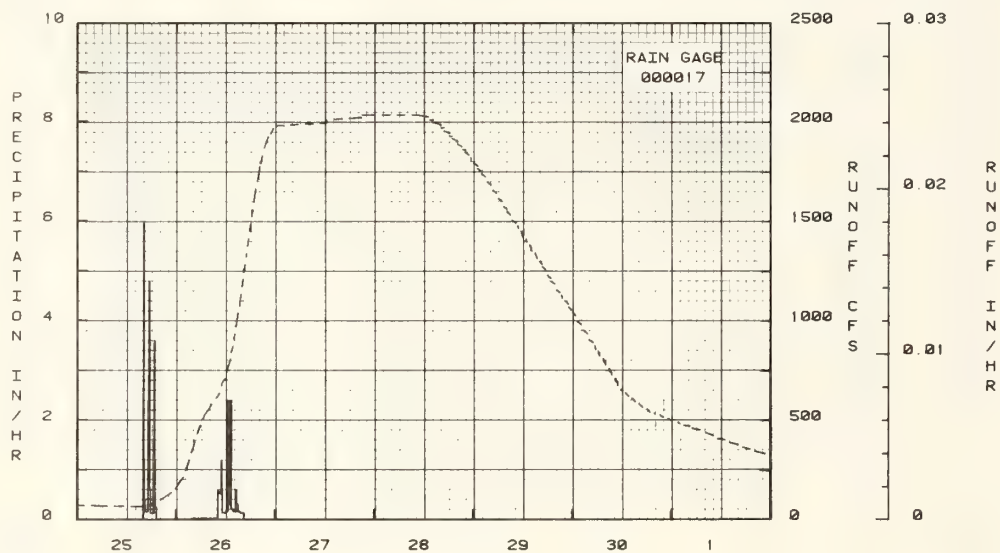
1973 SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED E						
ANTECEDENT CONDITIONS			RAINFALL			RUNCFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
Acc. (inches)									
EVENT OF APRIL 24 - MAY 1, 1973 (CONTINUED)									
4-29									
							100	1764.148	1.1062
							150	1750.528	1.1238
							155	1736.883	1.1255
							250	1723.256	1.1446
							320	1695.976	1.1463
							410	1682.344	1.1632
							440	1655.049	1.1648
							530	1641.405	1.1813
							600	1614.080	1.1829
							650	1600.419	1.1990
							720	1573.061	1.2006
							805	1559.378	1.2147
							810	1545.668	1.2162
							855	1531.971	1.2301
							925	1504.528	1.2316
							1010	1450.800	1.2451
							1040	1477.062	1.2510
							1045	1463.250	1.2525
							1130	1449.524	1.2656
							1150	1421.935	1.2670
							1245	1408.125	1.2826
							1250	1394.281	1.2840
							1330	1380.437	1.2951
							1400	1352.677	1.2964
							1450	1338.779	1.3059
							1520	1310.892	1.3112
							1605	1296.924	1.3229
							1635	1282.929	1.3281
							1640	1268.868	1.3293
							1725	1254.841	1.3407
							1755	1226.635	1.3419
							1840	1212.494	1.3525
							1845	1158.257	1.3541
							1940	1184.089	1.3672
							2010	1155.531	1.3684
							2055	1141.159	1.3787
							2125	1126.826	1.3832
							2130	1112.385	1.3844
							2225	1057.917	1.3965
							2255	1083.357	1.4009
							2300	1068.802	1.4019
							2345	1054.174	1.4115
							2400	1039.461	1.4136
							45	1024.709	1.4229
							115	954.981	1.4239
							205	980.020	1.4337
							235	949.840	1.4347
							335	934.631	1.4460
							405	903.915	1.4469
							500	888.417	1.4568
							530	872.812	1.4603
							535	857.063	1.4611
							630	841.219	1.4705
							635	825.218	1.4713
							730	809.104	1.4803
							740	792.844	1.4819
							800	792.844	1.4851
							805	776.356	1.4858
							900	759.804	1.4943
							910	743.032	1.4956
							930	743.032	1.4988
							935	726.041	1.4995
							1030	708.863	1.5074
							1040	691.458	1.5088
							1100	691.458	1.5116
							1105	673.780	1.5122
							1155	655.856	1.5189
							1200	646.860	1.5195
							1300	637.845	1.5272
							1340	619.708	1.5279
							1440	610.590	1.5352
							1515	592.225	1.5358
							1620	582.987	1.5435
							1700	564.354	1.5440
							1805	554.970	1.5513

NOTES: To convert runoff in CFS to I<sup>3</sup>/HE, multiply by 0.000012.



1973	SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED B							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Fainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF APRIL 24 - MAY 1, 1973 (CONTINUED)											
							4-30	1850	540.218	1.5519	
								2000	534.946	1.5554	
								2005	529.700	1.5599	
								2120	524.455	1.5678	
								2200	514.186	1.5684	
								2315	509.082	1.5760	
								2400	458.974	1.5765	
							5- 1	150	489.006	1.5795	
								155	484.063	1.5800	
								310	474.288	1.5804	
								430	469.454	1.5880	
								510	455.875	1.5884	
								650	450.436	1.5907	
								835	436.510	1.5924	
								1015	422.875	1.5941	
								1125	405.519	1.5945	
								1300	400.761	1.5965	
								1410	387.902	1.5973	
								1615	375.259	1.5992	
								1725	362.967	1.5996	
								1905	354.904	1.6013	
								2030	343.028	1.6020	
								2245	331.419	1.6037	
								2400	323.825	1.6082	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.



EVENT OF APRIL 24 - MAY 1, 1973  
TIPTON, GEORGIA LITTLE RIVER WATERSHED B

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.

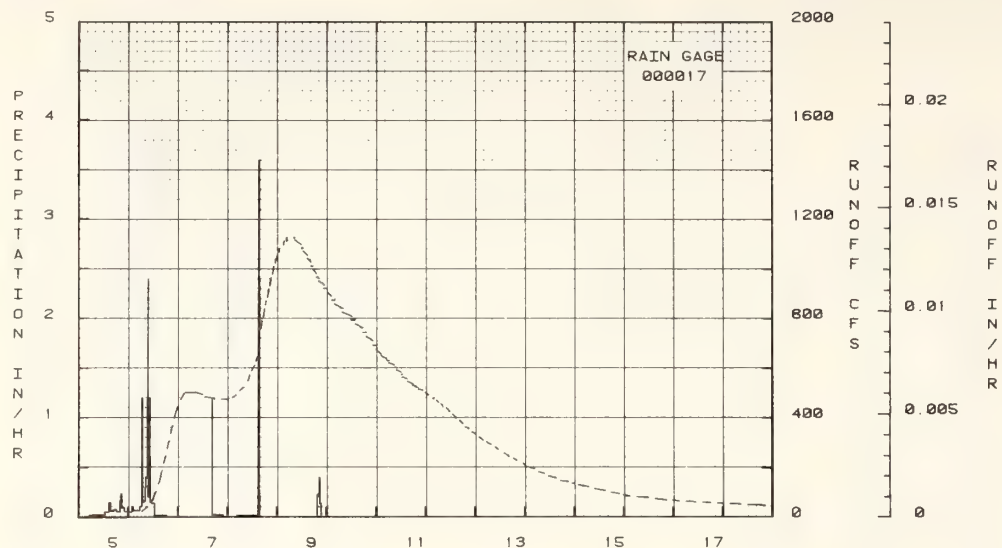
1974 SELECTED RUNOFF EVENT			TIPICN, GEORGIA LITTLE RIVER WATERSHED B							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF SEPTEMBER 4 - 19, 1974 (CONTINUED)										
							9- 9	1910	564.981	0.4821
								2000	564.981	0.4918
								2005	549.840	0.4927
								2245	534.631	0.5229
								2255	919.332	0.5248
								2400	919.332	0.5367
							9-10	10	903.915	0.5385
								230	888.417	0.5636
								240	872.812	0.5654
								350	872.812	0.5776
								355	857.062	0.5785
								720	841.219	0.6133
								725	825.218	0.6141
								1155	809.104	0.6583
								1205	792.844	0.6599
								1345	792.844	0.6757
								1350	776.356	0.6765
								1730	759.803	0.7103
								1740	743.031	0.7118
								1910	743.031	0.7252
								1915	726.041	0.7259
								2225	708.863	0.7532
								2235	651.456	0.7546
								2340	651.456	0.7636
								2400	673.780	0.7656
							9-11	230	655.855	0.7855
								235	646.860	0.7862
								505	637.845	0.8055
								515	628.802	0.8067
								615	628.802	0.8143
								620	619.708	0.8149
								850	610.590	0.8334
								900	601.433	0.8346
								950	601.433	0.8406
								955	592.225	0.8412
								1200	582.986	0.8559
								1210	573.700	0.8571
								1255	573.700	0.8622
								1300	564.354	0.8628
								1450	554.969	0.8751
								1500	545.531	0.8762
								1740	534.945	0.8875
								1745	529.699	0.8880
								1945	524.499	0.9007
								2045	514.185	0.9012
								2235	509.082	0.9125
								2400	498.974	0.9150
							9-12	125	489.006	0.9159
								350	479.165	0.9256
								355	474.288	0.9260
								530	469.454	0.9350
								620	459.875	0.9355
								745	455.137	0.9433
								830	445.758	0.9437
								1020	436.510	0.9459
								1140	422.875	0.9467
								1315	413.943	0.9517
								1455	396.449	0.9521
								1635	387.899	0.9541
								1815	375.299	0.9556
								1930	362.967	0.9559
								2110	354.904	0.9577
								2230	343.028	0.9584
								2400	335.257	0.9621
							9-13	205	320.073	0.9628
								355	308.987	0.9631
								545	301.745	0.9646
								745	291.090	0.9663
								945	280.687	0.9680
								1110	270.530	0.9683
								1410	257.379	0.9714
								1615	244.660	0.9719
								1840	235.398	0.9731
								2005	226.368	0.9733
								2320	214.697	0.9765

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.

1974	SELECTED FLOWOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED E						
ANTECEDENT CONDITIONS			FAINFALL				FLOWOFF			
Date	Fainfall	Flowoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 4 - 19, 1974 (CONTINUED)										
							9-13	2400	209.012	0.9767
							9-14	200	200.676	0.9769
								450	192.564	0.9800
								700	182.051	0.9804
								940	174.450	0.9815
								1150	164.684	0.9816
								1515	155.254	0.9826
								1735	146.187	0.9827
								2100	141.752	0.9841
								2305	135.358	0.9843
								2400	135.358	0.9858
							9-15	205	129.125	0.9859
								700	121.116	0.9887
								1010	113.443	0.9889
								1500	106.098	0.9914
								1810	59.079	0.9916
								2200	54.021	0.9925
								2400	50.745	0.9946
							9-16	305	44.423	0.9947
								900	41.377	0.9965
								1200	76.945	0.9967
								1735	72.675	0.9978
								2055	68.564	0.9979
								2400	67.230	1.0004
							9-17	300	64.612	1.0005
								815	63.330	1.0045
								1100	60.815	1.0046
								1810	58.369	1.0062
								1815	57.169	1.0063
								2400	55.987	1.0102
							9-18	15	54.820	1.0102
								600	53.671	1.0140
								855	51.419	1.0140
								1535	49.233	1.0153
								2045	46.069	1.0154
								2400	45.044	1.0158
							9-19	705	43.043	1.0170
								1155	40.151	1.0171
								1920	38.298	1.0182
								2400	36.501	1.0202

NOTES: To convert runoff in CFS to IW/BE, multiply by 0.000012.





EVENT OF SEPTEMBER 4 - 15, 1974  
TIFTON, GEORGIA LITTLE RIVER WATERSHED B

1975 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED B							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JULY 13 - 27, 1975										
RG 000017			RG 000017							
7-14	0.0		7-14	1534	0.0	0.0	7-13	2400	17.449	0.0
7-13		0.004		1550	1.1250	0.30	7-14	745	22.146	0.0005
				1555	1.1999	0.40		1310	26.172	0.0005
				1605	1.2001	0.60		2035	29.876	0.0014
				1615	0.5599	0.70		2400	32.258	0.0021
WATERSHED CONDITIONS:				1620	1.2001	0.80	7-15	550	34.762	0.0027
Residential, 1.0%; water,				1630	0.5599	0.90		845	37.352	0.0027
1.9%; crops, 35.8%; wet-				1645	0.4000	1.00		1350	37.392	0.0050
land, 2.5%; pasture, 17.8%;			7-15	749	0.0	1.00		1650	43.043	0.0051
roads, 0.9%; commercial,				1310	0.0187	1.10		2245	47.108	0.0062
0.4%; forest, 39.7%.				1830	0.0187	1.20		2400	50.318	0.0066
				1835	1.2001	1.30	7-16	510	57.169	0.0075
				1840	3.6000	1.60		755	60.815	0.0077
				1845	2.4000	1.80		1305	60.815	0.0114
				1855	0.5999	1.90		1645	63.330	0.0141
				1925	0.6000	2.20		2125	74.080	0.0146
				1930	1.2001	2.30		2400	89.135	0.0147
				1940	0.5999	2.40	7-17	245	113.443	0.0149
				2025	0.1333	2.50		505	148.422	0.0152
			7-18	1250	0.0	2.50		710	189.910	0.0156
				1255	1.2001	2.60		830	220.483	0.0160
								1010	263.903	0.0165
								1230	331.418	0.0172
								1355	371.155	0.0183
								1500	405.135	0.0191
								1635	441.116	0.0200
								1755	469.454	0.0209
								1940	498.974	0.0219
								2010	509.082	0.0229
								2105	514.185	0.0285

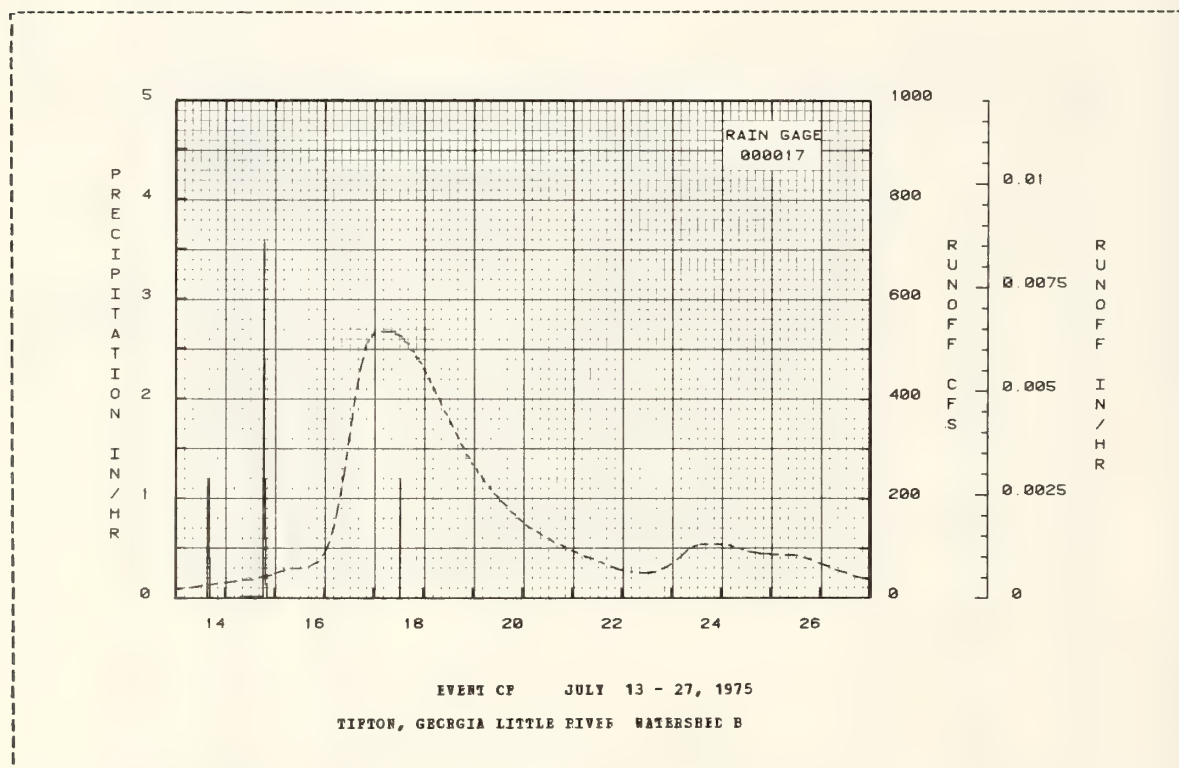
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.

1975			TIFTON, GEORGIA LITTLE RIVER WATERSHED		
SELECTED RUNCPP EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED		
ANTECEDENT CONDITIONS			FAIRFALL		
Date	Rainfall	Runcff	Date	Time	Intensity
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)
			Acc.	Date	Time
			(inches)	Mo-Day	of Day
				Rate	Rate
				(cfs)	Acc.
					(inches)
EVENT OF JULY 13 - 27, 1975 (CONTINUED)					
7-17	2125	515.325	0.0256		
	2250	524.455	0.0384		
	2300	525.655	0.0355		
	2400	525.655	0.0458		
7-18	15	534.945	0.0474		
	1010	534.945	0.1111		
	1015	525.655	0.1116		
	1325	524.455	0.1317		
	1335	515.325	0.1327		
	1430	515.325	0.1364		
	1435	514.165	0.1365		
	1640	505.062	0.1517		
	1730	458.974	0.1522		
	1915	453.965	0.1617		
7-19	2005	484.062	0.1622		
	2135	475.165	0.1708		
	2140	474.288	0.1713		
	2300	469.454	0.1789		
	2400	459.875	0.1802		
	105	450.436	0.1812		
	240	441.116	0.1865		
	315	431.527	0.1865		
	450	422.875	0.1890		
	550	409.515	0.1894		
7-20	720	400.761	0.1910		
	830	367.855	0.1918		
	1000	375.259	0.1926		
	1115	367.050	0.1962		
	1245	354.904	0.1977		
	1410	343.028	0.1967		
	1535	331.418	0.2000		
	1700	320.073	0.2010		
	1755	308.967	0.2013		
	1925	301.745	0.2028		
7-21	2050	287.591	0.2031		
	2215	260.687	0.2042		
	2315	270.530	0.2045		
	2400	267.200	0.2069		
	150	257.375	0.2056		
	225	250.964	0.2100		
	400	244.660	0.2110		
	540	232.360	0.2112		
	750	223.413	0.2141		
	830	217.575	0.2144		
7-22	1010	209.012	0.2146		
	1155	203.423	0.2156		
	1320	195.242	0.2160		
	1615	184.672	0.2184		
	1810	174.490	0.2188		
	2020	167.102	0.2156		
	2145	159.921	0.2198		
	2400	152.952	0.2202		
	155	146.187	0.2204		
	405	139.624	0.2205		
7-23	705	133.260	0.2225		
	940	125.075	0.2232		
	1245	119.167	0.2241		
	1515	111.575	0.2242		
	1855	106.058	0.2263		
	2135	95.075	0.2265		
	2400	95.666	0.2283		
	300	90.745	0.2302		
	555	84.423	0.2303		
	1025	78.403	0.2319		
7-24	1350	72.675	0.2325		
	1535	66.564	0.2325		
	2015	62.065	0.2330		
	2300	57.169	0.2330		
	2400	57.169	0.2337		
	105	54.820	0.2338		
	515	52.538	0.2347		
	520	51.415	0.2347		
	1410	50.318	0.2401		
	1415	52.538	0.2402		
7-25	1625	53.671	0.2415		

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.000012.

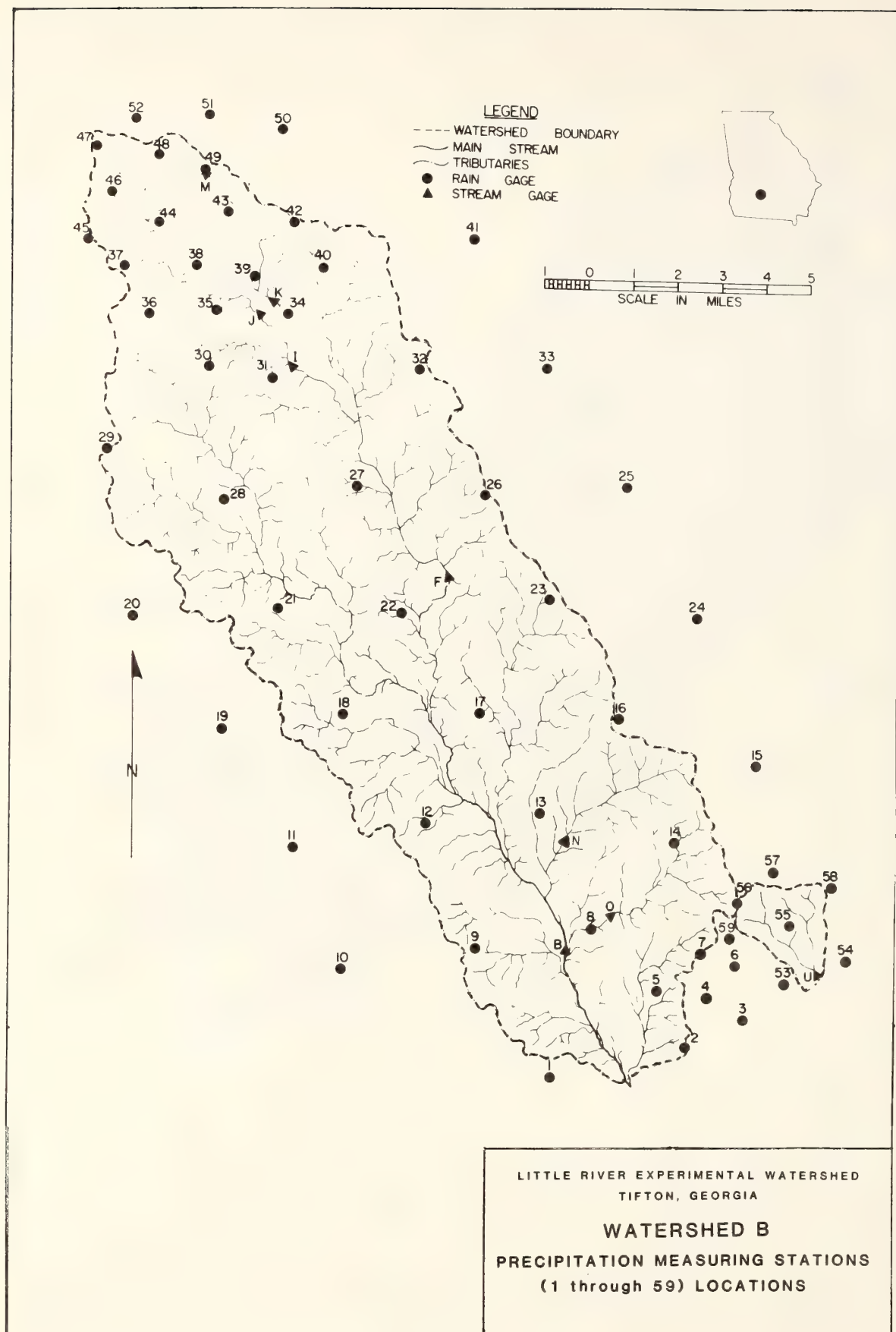
1975 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED B								
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)	
EVENT OF JULY 13 - 27, 1975 (CONTINUED)											
							7-23	2140	63.330	0.2422	
								2400	69.917	0.2424	
							7-24	430	64.423	0.2426	
								805	57.372	0.2428	
								1040	104.314	0.2430	
								1240	107.903	0.2432	
								1415	105.730	0.2434	
								2400	105.730	0.2563	
							7-25	40	107.903	0.2564	
								455	106.058	0.2619	
								635	102.547	0.2620	
								935	100.803	0.2656	
								1055	57.372	0.2657	
								1340	94.021	0.2659	
								1845	90.745	0.2700	
								1850	89.135	0.2701	
								2400	89.135	0.2756	
							7-26	15	87.546	0.2759	
								1315	85.977	0.2895	
								1655	81.377	0.2903	
								2005	76.945	0.2910	
								2400	69.917	0.2921	
							7-27	440	63.330	0.2931	
								735	57.169	0.2932	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000012.









TIPTON, GEORGIA LITTLE RIVER WATERSHED N

LOCATION: Tift County, Georgia; approximately 4 miles northwest of Tifton on County Road S1179; Heard Creek, Little River Watershed, Withlacoochee River Sub-basin, Suwannee River Basin. Lat. 31 deg. 31 min. 03 sec., long. 83 deg. 35 min. 10 sec.

AREA: 3872.00 acres 6.05 sq. miles

SLOPES: Slope-Percent 0-2 2-5 5-8  
Percent of area 17.0 78.0 5.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwannee, Ocala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, loam clay, degraded limestone) are of Lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OR TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Tifton loamy sand	34.721	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Low	Medium
Alapaha loamy sand	16.27	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Low	Poor
Dothan loamy sand	7.70	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium sub- angular blocky	Moderate	60-72	Low	Medium
Kinston-Osier fine sandy loam	7.59	6	Moderate fine granular to moderate medium granular	Moderate	Weak medium subangular blocky	Moderate	60	Moderate	poor to very poor
Puquay loamy sand	6.26	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Low	Good
Cowarts loamy sand and sandy loam	4.78	6-12	Weak fine granular	Moderate	Weak to moderate medium subangular blocky	Moderate in upper to slow in lower part	36	Low	Good
Ocala loamy sand	4.58	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	72-80	Low	Poor
Pelham loamy sand	3.46	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Low	Poor
Carnegie sandy loam	2.82	5	Weak fine granular	Moderate	Moderate medium subangular blocky	Moderate in upper to mode- rately slow in lower part	60	Low	Good
Stilson loamy sand	2.57	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Low	Moderately well

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia Institute of Technology, and Middle South Georgia Soil Conservation District

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Lakeland sand	1.86	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-85	Moderate	Excessive
Leefield loamy sand	1.60	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part moderately slow in lower part	60-66	Low	Poor
Clarendon loamy sand	1.54	8	Weak fine granular	Moderate	Weak fine to weak medium subangular blocky to moderate medium subangular blocky	Moderate in upper part moderately slow in lower part	60-70	Low	Moderate
Ardilla loamy sand	1.10	8-12	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part to moder- ately slow in lower part	72-80	Low	Poor
Rains loamy fine sand	1.04	5-12	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Moderate	Poor
Miscellaneous soils (8), each less than 1%	2.11								
TOTAL	100.00								
1/Percent of area based on 1979 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EROSION:      Erosion Class      +      1      2      3      4      5  
                  Percent of Area      0.0      82.0      18.0      0.0      0.0      0.0

LAND CAPABILITY:      Class      I      II      III      IV      V      VI      VII      VIII  
                  Percent of Area      0.3      47.4      10.1      1.9      35.3      0.9      4.1      0.0

GEOLOGY: Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station 1. Below Station 1, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 2 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by E. E. Carver, Department of Geology, University of Georgia).

SYSTEM	Formation and percent of area		Description
	Formation	Percent of area	
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Deposited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.

SYSTEM	Formation and percent of area	Description
Paleocene	Tampa limestone formation	White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee Limestone	White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone	White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene		Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL	100.00	

SURFACE DRAINAGE: Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 2.8 miles. Drainage density 4.76.

CHARACTER OF FLOW: Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

INSTRUMENTATION: Runoff: Two Fischer and Porter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one PW-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Nine Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 3-mile grid.

WATERSHED CONDITIONS: Residential, 1.7%; water, 2.1%; crops, 46.7%; wetland, 0.2%; pasture, 17.3%; roads, 0.9%; forest, 31.1%.

GENERALLY REPRESENTS: Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)						TIFTON, GEORGIA LITTLE RIVER WATERSHED													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1970	P	2.41	4.54	8.33	1.08	6.98	3.13	7.69	12.23	1.84	4.08	0.73	3.02	56.06					
	Q											0.506	0.761						
1971	P	2.30	6.09	5.47	4.92	3.92	5.53	7.15	5.71	1.09	2.19	2.75	5.58	52.70					
	Q	1.216	2.371	3.175	1.636	1.887	0.347	1.066	0.840	0.243	0.179	0.310	1.520	14.790					
1972	P	4.87	6.05	3.66	0.76	2.02	8.96	4.84	2.64	0.30	3.20	2.52	5.45	45.27					
	Q	2.337	3.484	1.784	0.663	0.111	1.020	0.691	0.181	0.008	0.061	0.239	1.148	11.927					
1973	P	6.54	6.31	5.65	9.72	3.04	5.76	4.65	3.77	1.72	0.76	1.25	3.29	52.46					
	Q	3.463	5.406	1.817	6.819	1.050	1.671	0.567	0.463	0.127	0.000	0.068	0.418	21.867					
1974	P	4.65	6.21	3.49	6.21	4.19	7.27	5.91	3.97	6.90	0.65	1.33	1.73	52.55					
	Q	0.958	2.574	1.470	3.232	1.063	1.167	0.924	0.950	1.790	0.222	0.251	0.521	15.122					
1975	P	6.66	2.12	7.00	9.24	3.45	2.20	3.19	5.10	3.50	2.87	1.09	3.90	50.34					
	Q	2.167	1.461	3.876	4.521	1.362	0.180	0.079	0.197	0.443	0.524	0.299	0.607	15.717					
STA AV	P	4.56	5.22	5.60	5.32	3.93	5.48	5.57	5.57	2.56	2.29	1.61	3.83	51.57					
	Q	2.028	3.059	2.424	3.374	1.094	0.877	0.705	0.526	0.522	0.197	0.279	0.829	15.916					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1970		12-30	0.006	12-30	0.006	12-30	0.013	12-30	0.037	12-25	0.073	12-29	0.135	12-29	0.227	12-23	0.366		
1971		4-30	0.030	4-30	0.030	4-30	0.060	4-30	0.175	4-30	0.323	4-30	0.490	4-30	0.634	2-7	1.100		
1972		2-3	0.031	2-3	0.031	2-3	0.061	2-3	0.171	2-3	0.310	2-3	0.469	2-2	0.679	2-1	1.481		
1973		2-2	0.162	2-2	0.161	2-2	0.318	2-2	0.855	2-2	1.361	2-2	1.672	4-25	2.096	3-31	3.622		
1974		4-5	0.121	4-5	0.120	4-5	0.235	4-5	0.630	4-4	1.070	4-4	1.303	4-4	1.455	4-2	2.105		
1975		4-15	0.098	4-14	0.098	4-14	0.194	4-14	0.537	4-14	0.838	4-14	1.083	4-14	1.299	4-10	2.965		
MAXIMUMS FOR PERIOD OF RECORD																			
		2-2	0.162	2-2	0.161	2-2	0.318	2-2	0.855	2-2	1.361	2-2	1.672	4-25	2.096	3-31	3.622		
		1973		1973		1973		1973		1973		1973		1973		1973			

NOTES: Watershed conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.003-21 this publication. For composition map showing location of rain gages see map page 74.002-22 this publication. Precipitation records began January 1968. Runoff records began November 1, 1970. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 9 recording gages. Runoff station averages include part-year records. Precipitation station averages are for record period beginning 1970. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.



1970 DAILY PRECIPITATION (inches) Tipton, Georgia Little River Watershed N												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.40	0.20	0.0	0.0	0.0	0.72	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	1.52	0.0	0.28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.13	0.0	0.0	0.42	0.0	0.57	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.36	0.0	0.21	0.69	1.11	0.0	0.0	0.0	0.0	0.0
5	0.10	0.0	0.10	0.10	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0
6	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.25	0.0	0.0	0.0	0.0
7	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.77	0.0	0.0	0.0	0.0
8	0.0	0.0	1.24	0.0	0.0	0.0	0.02	0.0	0.0	0.07	0.0	0.0
9	0.0	0.0	0.01	0.0	0.0	0.0	0.01	0.04	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.18	1.38	0.33	0.0	0.63	0.0
11	0.20	0.0	0.17	0.02	0.0	0.0	0.10	0.51	0.11	0.0	0.0	0.0
12	0.10	0.0	0.0	0.16	0.0	0.0	0.0	0.10	0.0	0.04	0.0	0.03
13	0.0	0.0	0.0	0.0	0.0	0.52	0.15	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.10	0.0
15	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.03	0.06	0.0	0.03
16	0.0	2.09	0.0	0.0	0.01	0.0	0.37	0.0	0.02	0.0	0.0	0.78
17	0.04	0.13	0.10	0.0	0.0	0.0	0.0	0.14	0.0	0.0	0.0	0.0
18	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.02	0.03	0.0	0.27	0.0	0.0	0.15	0.11	0.02	1.22	0.0	0.0
20	0.0	0.0	0.88	0.24	0.0	0.0	0.10	2.76	0.0	0.43	0.0	0.0
21	0.0	0.0	2.86	0.0	0.0	0.0	0.08	0.07	0.10	0.04	0.0	0.0
22	0.0	0.0	0.01	0.0	0.0	0.03	0.37	0.0	0.05	0.0	0.0	0.0
23	0.06	0.0	0.0	0.0	0.0	0.0	0.33	0.18	0.07	0.0	0.0	0.0
24	0.03	0.0	0.0	0.0	0.0	0.29	0.24	2.28	0.58	1.75	0.0	0.0
25	0.0	0.44	0.0	0.0	1.75	0.77	0.03	0.44	0.19	0.0	0.0	0.20
26	0.0	0.0	0.07	0.01	0.27	0.0	3.23	2.10	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.08	0.03	0.03	0.03	0.26	0.0	0.0	0.0
28	0.0	0.0	1.36	0.0	2.02	0.0	0.0	0.01	0.08	0.0	0.0	0.0
29	0.26	0.02	0.0	0.0	1.05	0.0	0.47	0.0	0.0	0.26	0.0	1.35
30	0.03	0.79	0.0	0.0	1.15	0.0	0.08	0.0	0.0	0.21	0.0	0.29
31	0.0	0.36	0.02	0.0	0.02	0.03	0.0	0.0	0.0	0.0	0.0	0.34
TOTAL	2.41	4.54	8.33	1.08	6.98	3.13	7.65	12.23	1.84	4.08	0.73	3.02
STA AV	2.41	4.54	8.33	1.08	6.98	3.13	7.69	12.23	1.84	4.08	0.73	3.02

NOTES: Values are weighted using Reciprocal Distance Squared Method from 9 recording gages. STA AV are based on 1 yr (1970) record period.

1971 DAILY PRECIPITATION (inches) Tipton, Georgia Little River Watershed N												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.11	0.02	0.04	0.0	0.0	0.40	0.06	0.0	0.05	0.05
2	0.0	0.0	0.55	0.54	0.06	0.0	0.84	0.10	0.52	0.0	0.25	1.16
3	0.0	0.0	0.50	0.0	0.0	0.0	0.82	0.0	0.07	0.0	0.17	1.28
4	0.07	0.0	0.0	0.0	0.0	0.0	1.53	1.13	0.25	0.0	0.0	0.01
5	0.40	0.53	0.0	0.72	0.0	0.0	0.02	0.0	0.04	0.0	0.0	0.04
6	0.10	0.0	0.07	0.03	0.0	0.0	0.07	0.14	0.0	0.0	0.0	0.10
7	0.03	1.71	0.10	0.03	0.0	0.03	0.09	0.04	0.0	0.0	0.0	0.0
8	0.35	0.77	0.0	0.02	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.18	0.0	0.0	0.0	0.0	0.03	0.0	0.07	0.0	0.80	0.0	0.0
10	0.10	0.0	0.19	0.0	0.0	1.21	0.11	0.18	0.0	0.34	0.03	0.0
11	0.0	0.0	0.0	0.0	0.0	0.01	0.83	0.01	0.0	0.0	0.0	0.28
12	0.0	0.52	0.0	0.0	1.42	0.0	0.0	0.02	0.0	0.0	0.0	0.03
13	0.0	0.0	0.58	0.0	0.03	0.30	0.02	0.01	0.0	0.0	0.0	0.0
14	0.0	0.0	0.03	0.0	0.0	0.24	0.08	0.0	0.0	0.17	0.0	0.0
15	0.34	0.0	0.76	0.0	1.17	0.34	0.01	0.51	0.0	0.04	0.0	0.0
16	0.0	0.0	0.03	0.0	0.01	0.10	0.0	0.32	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.03	0.79	0.0	0.04	0.01	0.0	0.0	0.03
18	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.30	0.02	0.0	0.0	0.0
19	0.0	0.0	0.48	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.94	0.0	0.0	0.02	0.10	0.09	0.0	0.0	0.03	0.10	2.46
21	0.0	0.0	0.0	0.0	0.0	0.07	0.07	0.50	0.0	0.09	0.0	0.0
22	0.0	0.27	0.09	0.0	0.0	0.08	0.03	0.12	0.02	0.0	0.0	0.0
23	0.26	0.0	0.21	0.04	0.0	0.0	0.09	0.23	0.03	0.0	0.0	0.0
24	0.01	0.0	0.0	0.20	0.0	0.0	0.04	0.0	0.0	0.65	0.69	0.0
25	0.16	0.0	0.45	0.0	0.0	0.08	0.0	0.76	0.0	0.0	0.07	0.0
26	0.0	0.04	1.21	0.0	0.0	0.03	0.03	0.20	0.0	0.0	0.0	0.0
27	0.0	0.64	0.01	0.0	0.0	0.0	0.17	0.04	0.07	0.0	0.0	0.0
28	0.0	0.67	0.0	0.33	0.09	0.07	0.02	0.0	0.0	0.0	1.32	0.0
29	0.0	0.10	0.98	0.0	0.0	1.19	1.68	0.39	0.0	0.0	0.07	0.0
30	0.27	0.0	2.01	0.0	0.0	0.35	0.15	0.13	0.0	0.0	0.0	0.0
31	0.03	0.0	0.0	0.0	0.0	0.0	0.36	0.07	0.07	0.07	0.0	0.14
TOTAL	2.30	6.09	5.47	4.92	3.52	5.53	7.15	5.71	1.09	2.19	2.75	5.58
STA AV	2.36	5.32	6.90	3.00	5.45	4.33	7.42	8.97	1.47	3.14	1.74	4.30

NOTES: Values are weighted using Reciprocal Distance Squared Method from 9 recording gages. STA AV are based on 2 yr (1970-71) record period.

1972	DAILY PRECIPITATION (inches)					TIPTON, GEORGIA LITTLE RIVER WATERSHED N							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	1.33	0.0	0.0	0.0	0.0	0.12	0.0	0.0	0.0	0.0	0.07	
2	0.30	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	1.41	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.67	0.0	0.11	0.0	0.0	0.0	0.70	0.0	0.0	0.0	0.0	0.11	
6	0.03	0.0	0.0	0.0	0.0	0.03	0.03	0.0	0.0	0.0	0.0	2.00	
7	0.0	0.58	0.0	0.0	0.0	0.04	0.0	0.38	0.0	0.0	0.04	0.0	
8	0.0	0.0	0.35	0.10	0.50	0.13	0.0	0.03	0.0	0.0	0.0	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.15	0.06	0.0	0.0	0.0	
10	0.75	0.0	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.0	0.02	0.03	
11	0.18	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	
12	0.09	0.47	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.94	0.0	0.0	0.0	0.31	0.0	0.0	0.0	0.0	0.0	0.77	0.02	
14	0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.01	0.01	
15	0.01	0.36	0.0	0.0	0.10	0.0	0.65	0.0	0.0	0.15	0.0	0.08	
16	0.0	0.63	0.20	0.0	0.0	0.0	0.64	0.01	0.0	0.0	0.0	0.0	
17	0.0	0.07	0.10	0.0	0.0	0.46	0.13	0.03	0.0	0.0	0.0	0.0	
18	0.03	0.04	0.11	0.0	0.0	0.24	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.06	0.0	0.07	3.63	0.03	0.0	0.0	0.0	0.54	0.0	
20	0.0	0.0	0.0	0.0	0.03	0.80	0.32	0.06	0.0	0.0	0.0	0.0	
21	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	1.88	
22	0.67	0.02	0.03	0.66	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.16	
23	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	1.77	0.06	0.0	1.20	0.0	0.07	
25	0.09	0.0	0.16	0.0	0.05	2.01	0.10	1.37	0.01	0.0	0.46	0.0	
26	0.0	0.38	0.0	0.0	0.0	0.04	0.10	0.17	0.03	0.0	0.0	0.0	
27	0.0	0.75	0.0	0.0	0.11	0.57	0.0	0.0	0.0	1.73	0.0	0.0	
28	0.01	0.01	0.50	0.0	0.28	0.0	0.03	0.35	0.0	0.0	0.0	0.0	
29	0.12	0.0	0.06	0.0	0.04	0.15	0.17	0.03	0.0	0.0	0.44	0.0	
30	0.16		1.25	0.0	0.0	0.0	0.04	0.0	0.20	0.0	0.17	0.03	
31	0.13		0.10		0.0		0.01	0.0		0.0		0.99	
TOTAL	4.87	6.05	3.66	0.76	2.02	8.56	4.84	2.64	0.30	3.20	2.52	5.45	
STA AV	3.19	5.56	5.82	2.25	4.31	5.87	6.56	6.86	1.08	3.16	2.00	4.68	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 9 recording gages. STA AV are based on 3 yr (1970-72) record period.

1973	DAILY PRECIPITATION (inches)					TIPTON, GEORGIA LITTLE RIVER WATERSHED N							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.66	1.17	0.0	1.18	0.0	0.44	0.0	0.0	0.0	0.0	0.0	0.0	
2	1.22	1.81	0.0	0.0	0.0	0.0	0.04	0.36	0.03	0.0	0.0	0.0	
3	0.07	0.0	0.0	2.20	0.06	0.0	0.0	0.05	0.02	0.0	0.0	0.0	
4	0.07	0.0	0.0	0.11	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.07	
5	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.03	0.0	0.0	0.26	
6	0.03	0.0	0.01	0.0	0.0	0.53	0.0	0.0	0.0	0.0	0.0	0.0	
7	0.29	0.0	0.0	1.31	0.0	0.03	0.0	1.09	0.0	0.0	0.0	0.0	
8	1.38	0.36	0.08	0.0	0.77	0.23	0.50	0.0	0.0	0.0	0.0	0.0	
9	0.0	2.12	0.46	0.0	0.03	0.28	0.0	0.0	0.0	0.0	0.04	0.0	
10	0.04	0.05	0.0	0.0	0.0	0.27	0.0	0.0	1.07	0.0	0.0	0.0	
11	0.04	0.25	0.0	0.0	0.0	1.18	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.0	0.27	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.02	0.0	0.0	0.0	0.0	0.0	0.76	0.0	0.32	0.0	0.0	0.0	
14	0.0	0.54	0.0	0.0	0.02	0.0	0.01	0.32	0.23	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.04	0.0	0.0	0.0	1.06	
16	0.0	0.0	0.33	0.0	0.0	0.0	0.02	1.04	0.0	0.0	0.08	0.64	
17	0.0	0.0	0.04	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.01	2.06	0.0	0.0	0.0	0.0	0.0	
19	0.76	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.01	0.0	0.03	1.01	0.0	0.0	0.0	0.0	0.01	0.30	
21	0.04	0.0	0.03	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.47	0.0	
22	0.70	0.0	0.0	0.0	0.02	0.38	0.0	0.0	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.03	0.0	0.0	
25	0.0	0.01	0.79	2.38	0.35	0.0	0.26	0.24	0.0	0.0	0.0	0.0	
26	0.77	0.0	0.0	2.54	1.28	0.06	0.26	0.09	0.02	0.0	0.0	0.60	
27	0.0	0.0	0.0	0.0	0.07	0.0	0.56	0.04	0.0	0.0	0.0	0.0	
28	0.45	0.0	0.11	0.0	0.0	0.49	0.09	0.15	0.0	0.43	0.65	0.0	
29	0.0		0.40	0.0	0.14	0.06	0.0	0.10	0.0	0.0	0.0	0.0	
30	0.0		1.65	0.0	0.23	0.0	0.0	0.0	0.0	0.0	0.0	0.36	
31	0.0		1.47		0.0		0.0	0.23		0.30		0.0	
TOTAL	6.54	6.31	5.65	9.72	3.04	5.76	4.65	3.77	1.72	0.76	1.25	3.29	
STA AV	4.03	5.75	5.78	4.12	3.99	5.85	6.08	6.09	1.24	2.56	1.81	4.34	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 9 recording gages. STA AV are based on 4 yr (1970-73) record period.

1974	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED N						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.81	0.01	0.0	0.0	0.0	0.0	0.0	0.38	0.14	0.0	0.0	0.0
2	0.0	0.09	0.0	1.09	0.0	0.55	0.26	0.01	0.0	0.0	0.0	0.0
3	0.0	0.14	0.0	0.04	0.0	0.11	0.04	0.29	0.87	0.0	0.0	0.0
4	0.0	0.0	0.0	2.76	0.0	0.0	0.03	0.15	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.48	0.23	1.20	0.10	0.75	1.26	0.0	0.0	0.0
6	0.0	1.08	0.0	0.0	0.04	0.0	0.03	0.18	2.57	0.0	0.05	0.0
7	0.05	1.86	0.0	0.0	0.0	0.0	0.0	0.26	0.26	0.0	0.0	0.23
8	0.0	0.58	0.0	0.65	0.0	1.22	0.01	0.0	0.96	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.0	0.04	0.0
10	0.0	0.0	0.0	0.0	0.0	0.68	0.53	0.0	0.0	0.0	0.0	0.0
11	0.73	0.0	0.0	0.0	2.03	0.0	0.0	0.0	0.0	0.0	0.06	0.0
12	0.0	0.0	0.01	0.0	0.83	0.0	0.01	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.63	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	1.08	0.0	1.72	0.0	0.03	0.01	0.0	0.0	0.0
15	0.0	0.57	0.0	0.0	0.67	0.0	0.0	0.22	0.0	0.0	0.0	0.21
16	0.0	1.14	0.10	0.0	0.08	0.0	0.0	0.31	0.02	0.62	0.0	0.0
17	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.04	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0	0.04	0.0
19	0.0	0.21	0.47	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0
20	0.17	0.0	0.04	0.0	0.0	0.70	0.68	0.0	0.0	0.0	0.56	1.25
21	0.16	0.06	0.50	0.0	0.0	0.44	0.18	0.04	0.0	0.0	0.0	0.04
22	0.0	0.37	0.0	0.07	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.26	0.04	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.38	0.0	0.0	0.0	0.0	0.0
25	0.0	0.10	1.04	0.0	0.0	0.0	1.03	0.0	0.0	0.0	0.0	0.0
26	0.0	0.0	0.13	0.0	0.16	0.04	0.41	0.0	0.41	0.03	0.0	0.0
27	0.0	0.0	0.58	0.0	0.0	0.18	0.73	0.55	0.03	0.0	0.0	0.0
28	0.0	0.0	0.15	0.0	0.0	0.17	0.0	0.03	0.0	0.0	0.0	0.0
29	0.91	0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.86	0.0	0.0	0.0	0.0	0.0	0.67	0.03	0.0	0.0	0.58	0.0
31	0.0	0.0	0.0	0.0	0.04	0.0	0.05	0.07	0.0	0.0	0.0	0.0
TOTAL	4.69	6.21	3.49	6.21	4.19	7.27	5.51	3.97	6.90	0.65	1.33	1.73
STA AV	4.16	5.84	5.32	4.54	4.03	6.13	6.05	5.66	2.37	2.18	1.72	3.81

NOTES: Values are weighted using Reciprocal Distance Squared Method from 9 recording gages. STA AV are based on 5 yr (1970-74) record period.

1975	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED N						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.43	0.22	0.0	0.0	0.03	0.65	0.01	0.21	0.0	0.54
2	0.0	0.10	0.0	0.03	0.0	0.02	0.0	0.0	0.0	0.05	0.0	0.0
3	0.0	0.12	0.0	0.05	0.02	0.0	0.0	0.04	0.0	0.0	0.0	0.0
4	0.31	0.0	0.01	0.0	0.0	0.0	0.0	0.26	0.0	0.17	0.0	0.03
5	0.0	0.06	0.10	0.0	0.0	0.0	0.24	0.05	0.0	0.04	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.70	0.30	0.02	0.0
7	0.0	0.0	0.20	0.0	0.29	0.0	0.31	0.0	0.0	0.77	0.08	0.13
8	1.29	0.0	0.0	0.0	0.0	0.0	0.28	0.36	0.0	0.19	0.06	0.0
9	0.0	0.0	0.0	0.84	0.04	0.21	0.13	0.05	0.32	0.0	0.0	0.18
10	0.0	0.0	0.0	3.21	0.0	0.14	0.0	0.05	0.03	0.0	0.09	0.0
11	0.62	0.0	0.0	0.06	0.0	0.27	0.10	0.52	0.0	0.0	0.0	0.0
12	2.05	0.10	0.0	0.0	0.0	0.16	0.08	0.05	0.0	0.0	0.63	0.0
13	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.01	2.13	1.04	0.0	0.22	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.03	0.0	0.61	0.30	0.86	0.0	0.0	0.0	0.0	0.0
16	0.0	0.50	2.39	0.0	0.79	0.0	0.0	0.0	0.0	0.0	0.0	0.09
17	0.0	0.04	0.0	0.0	0.15	0.0	0.01	0.01	0.58	1.14	0.0	0.24
18	0.0	0.0	2.08	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0
19	0.59	0.49	0.0	0.06	0.0	0.07	0.0	0.0	0.63	0.0	0.0	0.0
20	0.54	0.0	0.0	0.72	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0
21	0.0	0.03	0.0	0.0	0.0	0.0	0.01	0.0	0.23	0.0	0.04	0.0
22	0.25	0.32	0.03	0.0	0.0	0.0	0.02	0.0	0.11	0.0	0.0	0.0
23	0.49	0.0	0.05	0.0	0.0	0.0	0.20	0.0	0.10	0.0	0.0	0.0
24	0.01	0.36	1.56	0.0	0.0	0.0	0.04	0.10	0.0	0.0	0.0	0.0
25	0.53	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0	0.0	0.0	1.03
26	0.0	0.0	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.13
27	0.0	0.0	0.0	0.43	0.0	0.0	0.07	0.32	0.0	0.0	0.17	0.0
28	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.07	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	1.34	0.10	0.10	0.16	0.58	0.13	0.0	0.0	0.33
30	0.0	0.11	0.0	0.05	0.07	0.08	0.30	1.97	0.04	0.0	0.0	0.33
31	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.02	0.0	0.0	0.0	0.87
TOTAL	6.68	2.12	7.00	9.24	3.45	2.20	3.15	5.10	3.50	2.87	1.05	3.90
STA AV	4.58	5.22	5.60	5.32	3.93	5.48	5.57	5.57	2.56	2.29	1.61	3.83

NOTES: Values are weighted using Reciprocal Distance Squared Method from 9 recording gages. STA AV are based on 6 yr (1970-75) record period.



1970 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE FIVER WATERSHED N												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5.104	1.952
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3.955	1.952
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3.350	1.949
4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.844	2.086
5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.412	2.238
6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.196	2.215
7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.054	2.014
8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.924	2.050
9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.827	1.861
10	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	4.735	1.854
11	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	6.820	1.956
12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	4.061	1.971
13	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3.170	2.346
14	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.565	2.212
15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3.165	1.973
16	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.799	5.332
17	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.439	8.757
18	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.247	4.662
19	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.238	3.317
20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.246	2.925
21	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.239	2.775
22	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.238	2.658
23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.207	2.698
24	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.569	2.661
25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.823	2.651
26	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.700	3.262
27	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.821	2.833
28	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.531	2.457
29	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.958	11.891
30	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.958	17.688
31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR		16.468
MEAN											2.7464	3.9921
INCHES											0.506	0.761
STA AV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.506	0.761

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00614712. STA AV based on 1 yr (1970) record period.

1971 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE FIVER WATERSHED N												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	9.461	5.057	31.957	8.135	33.568	0.512	2.572	5.202	2.624	0.146	1.121	2.766
2	5.772	3.936	15.506	13.428	11.390	0.683	1.552	5.424	2.757	0.084	1.163	2.280
3	4.946	3.590	36.337	16.683	7.746	0.525	8.846	3.781	6.374	0.052	1.723	26.919
4	4.673	3.579	22.209	9.669	6.170	0.352	26.445	4.361	3.788	0.030	1.573	13.668
5	9.643	7.403	12.803	14.475	4.847	0.275	27.126	24.742	6.997	0.015	1.200	5.955
6	9.210	9.182	11.183	23.847	4.388	0.166	8.561	9.172	3.523	0.009	1.057	4.823
7	6.533	39.787	13.246	11.940	3.961	0.129	4.791	5.620	2.342	0.004	1.012	4.525
8	5.664	50.403	10.388	5.295	9.798	0.324	2.535	3.390	1.670	0.001	0.832	3.959
9	12.072	22.032	6.678	8.036	19.235	0.234	1.920	2.401	1.287	0.013	0.755	6.079
10	9.192	11.448	6.817	7.157	8.541	0.304	1.315	3.226	0.993	2.272	0.792	3.491
11	7.100	9.722	14.180	6.580	5.736	3.483	5.099	3.550	0.806	2.176	0.767	3.378
12	6.689	9.583	10.172	6.049	14.901	2.677	6.510	2.778	0.784	1.211	0.715	5.630
13	6.127	22.236	13.719	5.556	53.144	1.401	3.371	2.112	0.661	0.771	0.715	4.678
14	5.639	12.739	21.452	4.914	13.311	1.238	2.149	1.593	0.481	0.636	0.715	3.8738
15	7.469	9.330	23.249	4.444	22.520	1.200	1.520	1.129	0.381	0.626	0.717	3.5608
16	8.203	8.531	30.788	4.299	30.100	3.661	1.327	2.451	0.346	0.634	0.769	3.3928
17	5.924	7.996	12.406	4.135	11.808	6.757	1.038	3.761	0.360	0.738	0.792	3.2102
18	5.237	7.464	6.859	3.832	7.677	9.642	0.805	2.586	0.336	0.768	0.816	4.113
19	4.821	7.135	14.334	3.316	5.853	7.568	0.531	2.256	0.284	0.719	0.856	3.177
20	4.223	16.193	14.738	2.995	4.955	3.666	0.498	1.771	0.245	0.771	0.959	31.148
21	3.986	24.508	8.846	2.738	4.844	1.582	0.806	3.811	0.203	0.891	0.537	36.403
22	4.160	13.906	7.753	2.598	4.094	1.483	1.265	1.934	0.197	1.051	0.670	13.099
23	4.581	14.233	12.737	2.829	3.273	1.068	1.098	1.507	0.286	1.080	0.723	8.652
24	7.499	9.418	10.747	3.316	3.055	0.712	1.085	2.044	0.258	2.575	2.278	7.029
25	7.067	8.139	7.703	2.960	2.382	0.415	1.105	1.866	0.271	3.454	3.599	6.580
26	7.522	7.741	60.820	2.232	2.135	0.245	0.749	13.272	0.248	2.044	2.469	6.340
27	5.437	24.154	21.703	1.885	1.858	0.156	0.506	7.474	0.205	1.380	1.766	6.068
28	4.141	16.362	13.318	2.178	1.648	0.079	0.491	3.711	0.232	1.102	1.714	5.808
29	3.773		12.006	6.766	1.538	0.223	13.906	2.471	0.281	1.315	11.013	5.623
30	4.576		12.504	70.222	1.340	4.921	34.918	3.190	0.271	1.533	6.243	5.429
31	6.498		5.452		1.133		8.573	4.008		1.054		5.601
MEAN	6.381	13.776	16.662	8.869	9.900	1.684	5.554	4.406	1.316	0.940	1.682	7.976
INCHES	1.216	2.371	3.175	1.636	1.887	0.347	1.066	0.840	0.243	0.179	0.310	1.520
STA AV	1.216	2.371	3.175	1.636	1.887	0.347	1.066	0.840	0.243	0.179	0.406	1.140

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00614712. STA AV based on 2 yr (1970-71) record period.



1972 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	6.586	19.623	11.198	13.675	0.571	0.211	3.995	1.601	0.633	0.0	0.852	3.635
2	7.858	42.684	11.714	8.433	0.507	0.050	3.232	1.307	0.347	0.0	0.645	2.555
3	9.559	67.892	15.432	6.432	0.452	0.026	3.188	0.895	0.190	0.0	0.470	1.956
4	6.648	32.132	12.258	5.942	0.482	0.003	2.273	0.582	0.092	0.0	0.372	1.670
5	19.293	15.437	10.623	5.804	0.352	0.0	2.293	0.347	0.034	0.0	0.277	1.586
6	14.626	12.843	5.437	5.422	0.234	0.0	10.171	0.202	0.006	0.0	0.258	15.573
7	7.476	29.804	7.810	4.594	0.167	0.0	6.051	0.204	0.0	0.0	0.320	18.828
8	5.992	19.147	11.394	5.376	0.539	0.0	3.143	0.741	0.0	0.0	0.352	7.072
9	5.547	12.865	12.426	4.974	1.489	0.0	1.850	0.423	0.0	0.0	0.352	4.476
10	19.995	10.986	8.246	4.077	1.037	0.0	1.229	0.279	0.0	0.0	0.325	3.722
11	17.875	10.073	7.158	3.727	0.654	0.0	0.832	0.153	0.0	0.0	0.392	3.464
12	12.487	12.175	6.760	3.678	0.618	0.0	0.584	0.066	0.0	0.0	0.421	3.266
13	17.544	20.497	6.578	3.763	1.209	0.0	0.374	0.026	0.0	0.0	0.465	3.141
14	36.135	12.448	6.578	3.626	2.028	0.0	0.223	0.005	0.0	0.0	2.751	5.037
15	22.363	11.787	6.632	3.005	1.518	0.0	0.139	0.0	0.0	0.0	2.762	3.478
16	11.684	26.300	7.157	2.333	0.992	0.0	1.084	0.0	0.0	0.0	1.762	2.977
17	9.411	31.256	5.639	1.710	0.593	0.0	7.266	0.0	0.0	0.0	1.281	2.575
18	9.085	17.083	7.376	1.472	0.361	0.0	6.707	0.0	0.0	0.0	1.016	2.358
19	9.018	12.943	7.896	1.276	0.219	12.616	2.910	0.0	0.0	0.0	1.328	2.238
20	8.767	9.663	7.114	1.103	0.175	28.764	1.701	0.0	0.0	0.0	2.536	2.265
21	8.646	8.753	5.581	0.929	0.206	12.600	2.697	0.0	0.0	0.0	2.129	15.782
22	15.028	8.678	5.535	1.850	0.251	4.013	2.347	0.0	0.0	0.0	1.628	26.169
23	22.008	8.969	4.858	4.973	0.244	1.714	1.305	0.0	0.0	0.0	1.271	10.934
24	11.932	8.959	4.265	3.150	0.192	0.843	5.890	0.0	0.0	0.0	1.099	7.205
25	10.020	8.646	4.551	1.945	0.117	11.258	44.896	0.0	0.0	0.0	1.649	6.486
26	9.024	11.206	5.369	1.281	0.177	33.871	11.322	8.056	0.0	0.0	2.958	5.695
27	7.624	38.553	4.706	0.977	0.182	20.969	5.585	5.252	0.0	0.0	2.292	4.953
28	7.424	31.524	7.111	0.751	0.433	23.050	3.292	2.210	0.0	1.765	1.714	4.600
29	7.804	14.385	11.261	0.637	0.935	9.762	2.455	3.088	0.0	4.500	1.524	4.404
30	10.146	12.921	0.593	0.693	0.693	6.028	3.440	2.629	0.0	2.342	3.561	4.388
31	12.565	36.276	0.384	0.384	0.384	2.362	1.225	1.225	1.362	1.362	6.221	6.221
MEAN	12.262	19.544	9.363	3.557	0.581	5.529	4.676	0.951	0.043	0.322	1.295	6.023
INCHES	2.337	3.484	1.784	0.663	0.111	1.020	0.891	0.181	0.008	0.061	0.235	1.148
STA AV	1.776	2.928	2.480	1.149	0.999	0.684	0.575	0.510	0.125	0.120	0.352	1.143

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00614712. STA AV based on 3 yr (1970-72) record period.

1973 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	24.98	11.70	7.55	198.25E	8.51	7.21	2.98	0.86	0.82	0.01	0.0	1.13
2	52.47	271.74E	7.42	28.54	7.55	9.40	1.94	0.76	0.62	0.00	0.0	1.00
3	27.00	33.75	7.60	130.63E	7.12	4.53	1.48	1.40	0.40	0.0	0.0	1.01
4	16.74	18.40	7.49	85.43	7.05	3.08	1.10	1.39	0.27	0.0	0.0	1.05
5	14.17	15.39	7.17	26.07	5.86	2.41	0.84	1.07	0.16	0.0	0.0	1.33
6	11.64	13.31	7.14	15.52	4.98	2.44	0.66	0.73	0.11	0.0	0.0	1.48
7	12.38	12.01	7.14	42.22	4.86	4.09	0.43	1.60	0.08	0.0	0.0	1.22
8	49.56	12.87	6.99	54.31	8.65	4.24	0.31	10.80	0.04	0.0	0.0	1.08
9	35.52	84.45E	9.39	19.03	16.55	7.67	1.16	4.22	0.02	0.0	0.0	0.97
10	17.70	149.61E	13.61	13.30	8.52	6.26	1.31	1.75	0.01	0.0	0.0	0.89
11	14.83	33.76	9.24	10.43	5.57	29.72	0.89	0.96	2.23	0.0	0.0	0.84
12	12.65	22.08	10.81	9.52	4.18	37.35	0.62	0.61	3.22	0.0	0.0	0.82
13	10.87	17.93	10.42	9.07	3.43	12.41	1.02	0.38	1.95	0.0	0.03	0.51
14	9.93	20.09	7.63	8.25	3.11	7.40	4.17	0.55	2.40	0.0	0.15	0.96
15	9.72	27.22	6.60	7.66	2.77	5.22	2.32	5.77	2.48	0.0	0.24	1.60
16	9.24	16.75	5.91	7.35	2.35	4.51	1.29	9.73	1.73	0.0	0.42	10.52
17	8.69	12.97	8.01	7.06	2.05	4.11	0.79	14.28	1.26	0.0	0.64	6.43
18	8.65	11.83	6.36	6.81	1.75	4.62	0.95	4.91	0.85	0.0	0.65	3.13
19	22.65	11.20	4.78	6.45	1.52	4.12	33.33	2.38	0.59	0.0	0.46	2.06
20	17.96	10.55	4.43	6.10	1.52	5.07	9.45	1.42	0.43	0.0	0.03	2.14
21	11.23	10.13	4.84	5.54	1.48	39.96	3.68	0.90	0.30	0.0	0.00	2.39
22	25.91	9.56	4.64	4.91	1.51	15.56	1.97	0.57	0.20	0.0	0.60	1.96
23	16.68	9.16	4.16	4.40	1.56	13.18	1.09	0.38	0.14	0.0	0.62	1.65
24	11.32	8.74	4.09	4.32	1.28	6.53	0.68	0.31	0.10	0.0	0.42	1.48
25	9.48	8.38	11.02	26.51	1.41	4.04	0.45	0.22	0.06	0.0	0.35	1.41
26	14.35	8.78	12.03	254.18E	5.57	3.19	0.57	0.73	0.04	0.0	0.38	2.21
27	24.08	8.88	6.79	72.86	25.43	2.87	3.22	1.89	0.06	0.0	0.40	4.80
28	21.48	8.23	5.16	20.91	8.66	3.80	6.02	1.41	0.07	0.0	1.82	3.39
29	18.73	9.92	13.45	5.11	5.11	10.90	4.12	1.76	0.06	0.0	2.32	2.25
30	12.26	21.80	10.29	5.02	5.02	5.64	2.05	0.92	0.03	0.0	1.50	2.67
31	10.56	55.53	5.43	5.43	5.43	1.23	0.68	0.68	0.0	0.0	3.18	3.18
MEAN	18.171	31.406	9.535	36.974	5.505	9.063	2.974	2.429	0.691	0.000	0.368	2.193
INCHES	3.463	5.406	1.817	6.819	1.050	1.671	0.567	0.463	0.127	0.000	0.068	0.418
STA AV	2.336	3.754	2.259	3.039	1.016	1.013	0.841	0.495	0.126	0.080	0.281	0.962

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00614712. STA AV based on 4 yr (1970-73) record period.

1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED 8												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	17.06	5.61	6.85	5.72	1.60	0.37	1.06	5.76	1.22	2.33	0.91	3.64
2	11.52	4.52	6.85	18.03	1.40	0.33	0.78	11.21	0.90	1.73	0.96	2.51
3	4.85	5.31	6.68	19.42	1.41	0.59	0.58	7.35	1.60	1.37	0.96	2.07
4	3.48	5.46	6.40	15.25	1.27	1.11	1.04	6.15	4.46	1.16	0.96	1.75
5	3.10	4.16	5.90	208.26E	1.14	1.17	0.94	22.11	4.38	1.02	1.01	1.58
6	2.89	4.02	5.69	23.47	1.66	11.38	0.86	12.11	70.02	0.54	1.12	1.55
7	2.87	54.40	5.40	12.68	2.19	5.54	0.86	7.27	36.22	0.82	1.14	1.75
8	2.79	61.54	5.09	13.47	1.68	6.35	0.61	6.92	29.01	0.71	1.07	2.47
9	2.59	21.43	4.91	29.87	1.20	20.00	0.46	4.82	29.19	0.73	1.08	2.32
10	2.54	12.31	4.72	12.95	0.91	5.68	0.25	3.39	20.44	0.81	1.05	1.50
11	4.63	10.45	4.50	8.66	0.84	8.61	2.00	2.56	12.00	0.79	1.06	1.71
12	9.27	9.44	4.31	7.55	70.98	4.27	3.15	2.08	8.23	0.73	1.15	1.68
13	4.93	8.76	4.11	7.25	16.65	2.09	1.32	2.44	6.88	0.58	1.06	1.61
14	3.27	8.52	3.81	11.86	6.29	16.49	0.62	5.76	6.17E	0.78	1.05	1.72
15	2.82	9.24	3.52	52.62	5.08	42.51	0.33	3.63	5.54E	1.01	1.05	1.97
16	2.70	54.12	3.89	16.25	15.40	10.49	0.13	3.58	5.29E	2.07	1.05	2.76
17	2.70	26.17	4.05	9.66	9.71	4.81	0.04	10.10	5.02	3.52	1.11	2.54
18	2.69	12.48	3.66	7.28	7.48	2.65	0.01	6.43	4.52	2.42	1.28	1.59
19	2.64	10.75	3.72	6.15	5.42	1.89	0.41	3.34	3.84	1.66	1.35	1.77
20	2.65	10.51	7.85	5.53	3.76	1.68	2.54	2.17	3.43	1.30	2.19	4.55
21	3.74	8.92	10.20	4.80	2.55	10.28	6.65	1.68	3.06	1.13	3.37	13.01
22	3.65	17.93	9.67	4.67	2.54	7.58	4.24	1.46	2.78	1.02	2.47	5.25
23	2.96	14.64	5.42	4.64	2.31	5.20	2.53	1.14	2.46	0.56	1.77	3.15
24	2.67	9.30	4.56	4.19	1.57	4.16	1.68	0.88	2.23	0.87	1.51	2.63
25	2.54	8.09	15.61	3.52	1.48	2.59	15.62	0.67	2.20	0.67	1.46	2.52
26	2.46	7.02	15.27	3.03	1.05	1.77	24.49	0.61	2.34	0.79	1.41	2.33
27	2.34	6.84	10.27	2.74	1.17	1.56	24.40	0.71	5.56	0.79	1.35	2.19
28	2.24	6.85	19.16	2.42	1.15	3.15	21.95	5.88	5.17	0.75	1.35	2.10
29	2.42	21.74	2.00	0.65	3.06	6.82	4.33	3.93	0.79	1.35	2.20	2.20
30	26.70	17.61	1.84	0.74	1.72	3.67	2.37	3.10	0.81	2.17	2.23	2.23
31	11.71		7.71		0.54		19.42	1.57		0.84		2.16
MEAN	5.02E	14.954	7.713	17.523	5.576	6.330	4.846	4.585	9.705	1.165	1.362	2.737
INCHES	0.95E	2.574	1.470	3.232	1.063	1.167	0.924	0.950	1.750	0.222	0.251	0.521
STA AV	1.993	3.459	2.062	3.087	1.028	1.051	0.862	0.608	0.542	0.116	0.275	0.874

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00614712. STA AV based on 5 yr (1970-74) record period.

1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED 8												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.09	8.49	6.24	11.80	12.56	2.28	0.00	0.99	5.30	1.67	0.97	2.76
2	1.92	7.49	13.99	12.41	8.47	2.20	0.0	5.01	1.78	2.49	0.96	3.93
3	1.83	9.50	7.84	10.71	7.33	2.13	0.0	2.38	0.83	1.88	0.93	2.67
4	2.46	9.44	5.86	8.32	6.86	1.43	0.0	1.60	0.42	1.65	0.93	1.98
5	3.18	9.11	6.83	6.47	5.82	0.68	0.0	0.99	0.21	1.81	0.94	1.70
6	2.62	8.52	6.55	5.63	5.32	0.54	0.0	0.59	0.24	2.09	0.87	1.58
7	2.18	7.34	5.82	5.22	6.02	0.35	0.0	0.37	3.80	3.76	1.07	1.63
8	8.26	6.51	7.47	4.97	8.68	0.25	0.0	0.25	2.99	10.99	1.10	2.51
9	13.83	6.21	6.00	5.72	7.20	0.23	0.0	0.33	1.29	6.73	1.31	3.17
10	6.06	5.79	4.94	137.23	5.74	0.39	0.0	0.31	0.88	3.68	1.40	2.95
11	10.85	5.79	5.36	67.14	5.02	0.49	0.0	0.34	0.90	2.73	1.57	2.30
12	25.28	6.58	5.48	21.78	4.07	1.03	0.0	0.63	0.85	2.15	2.46	1.91
13	37.28	6.94	4.64	13.61	3.41	5.51	0.0	0.48	0.59	1.88	6.04	1.75
14	12.85	5.49	4.92	81.53E	10.49	2.53	0.0	0.28	0.42	1.64	3.87	1.70
15	8.66	4.93	4.47	125.06E	25.16	1.79	0.01	0.13	0.27	1.43	2.39	1.70
16	7.57	6.55	56.31	24.19	22.64	1.89	3.36	0.04	0.20	1.29	1.86	1.70
17	10.33	14.38	31.54	14.85	25.92	1.17	2.01	0.01	0.61	5.09	1.59	2.16
18	7.48	9.11	50.72	11.86	13.77	0.70	1.02	0.0	3.08	8.53	1.42	2.90
19	8.36	11.64	60.63	10.08	7.58	0.54	0.57	0.0	3.56	4.20	1.35	2.30
20	25.38	14.86	21.21	28.63	5.22	0.20	0.33	0.0	19.12	2.64	1.35	1.89
21	16.35	8.41	14.74	17.99	4.09	0.08	0.20	0.0	5.76	2.04	1.35	1.71
22	10.20	9.08	12.48	10.96	3.65	0.02	0.12	0.0	4.12	1.77	1.29	1.59
23	19.17	10.47	12.17	9.02	3.03	0.00	0.13	0.0	3.19	1.64	1.24	1.58
24	18.11	15.47	52.83	7.90	2.65	0.0	1.83	0.0	2.54	1.59	1.25	1.53
25	20.43	10.85	69.88	7.15	2.43	0.0	1.14	0.0	2.27	1.58	1.25	1.92
26	21.94	6.94	18.57	7.25	1.66	0.99	0.17	0.0	1.83	1.58	1.25	11.58
27	12.03	6.06	11.88	8.84	1.71	0.53	0.05	0.0	1.43	1.46	1.57	7.20
28	9.83	5.78	10.43	10.46	1.29	0.23	0.06	0.0	1.11	1.39	1.83	3.97
29	9.15		9.92	14.64	1.18	0.07	0.25	0.0	1.22	1.35	1.64	3.16
30	8.68		9.98	34.12	1.16	0.02	0.62	0.05	1.35	1.25	1.48	5.02
31	8.19		10.95		1.49		0.95	17.31		1.11		14.38
MEAN	11.372	8.489	20.341	24.515	7.145	0.575	0.413	1.035	2.405	2.752	1.619	3.187
INCHES	2.167	1.461	3.876	4.521	1.362	0.180	0.075	0.197	0.443	0.524	0.259	0.607
STA AV	2.02E	3.059	2.424	3.374	1.094	0.877	0.705	0.526	0.522	0.197	0.279	0.829

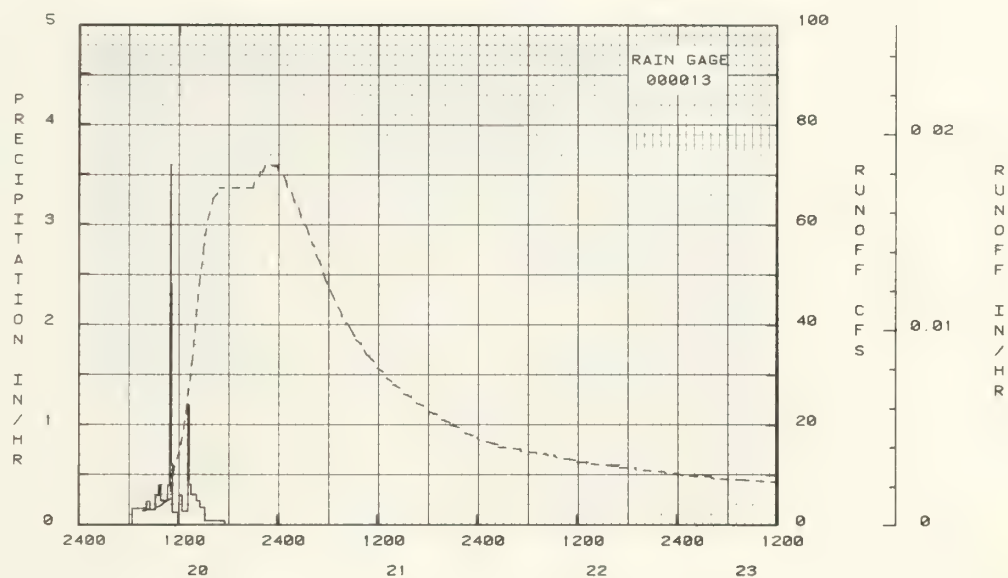
NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00614712. STA AV based on 6 yr (1970-75) record period.

1971			TIFTON, GEORGIA LITTLE RIVER WATERSHED N							
SELECTED RUNOFF EVENT										
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 20 - 24, 1971										
BG 000013			BG 000013							
12-20	0.0	0.005	12-20	629	0.0	0.0	12-20	745	2.862	0.0
				705	0.1667	0.10		945	3.772	0.0003
				740	0.1714	0.20		1100	5.259	0.0005
				815	0.1714	0.30		1120	9.978	0.0009
				840	0.2400	0.40		1135	11.801	0.0016
WATERSHED CONDITIONS: Residential, 1.7%; water, 2.1%; crops, 46.7%; wet- land, 0.2%; pasture, 17.3%; roads, 0.9%; forest, 31.1%.				920	0.1500	0.50		1210	14.659	0.0036
				940	0.3000	0.60		1240	19.381	0.0040
				955	0.4000	0.70		1305	24.302	0.0045
				1020	0.2400	0.80		1340	32.562	0.0052
				1045	0.2400	0.90		1430	46.169	0.0138
				1100	0.4000	1.00		1505	56.361	0.0162
				1105	3.6000	1.30		1530	61.240	0.0200
				1110	2.4000	1.50		1610	65.315	0.0228
				1120	0.6000	1.60		1640	66.357	0.0312
				1210	0.1200	1.70		1650	67.405	0.0341
				1230	0.3000	1.80		1730	67.405	0.0456
				1315	0.1333	1.90		2055	67.409	0.1017
				1320	1.1599	2.00		2105	68.471	0.1046
				1335	0.4000	2.10		2140	69.542	0.1149
				1355	0.3000	2.20		2150	70.623	0.1179
				1415	0.3000	2.30		2210	70.623	0.1239
				1440	0.2400	2.40		2220	71.715	0.1270
				1515	0.1714	2.50		2350	71.715	0.1545
				1740	0.0414	2.60		2400	70.623	0.1560
							12-21	40	69.542	0.1680
								105	67.405	0.1694
								135	66.357	0.1780
								155	64.281	0.1794
								225	63.259	0.1876
								245	61.240	0.1889
								325	59.261	0.1901
								400	56.361	0.1914
								420	55.414	0.1961
								435	53.547	0.1996
								510	51.718	0.2007
								550	48.169	0.2039
								650	44.767	0.2048
								735	42.310	0.2057
								740	41.508	0.2066
								825	39.933	0.2075
								915	37.636	0.2083
								920	36.888	0.2091
								955	36.149	0.2145
								1040	33.983	0.2160
								1135	32.562	0.2216
								1155	31.216	0.2223
								1240	30.546	0.2282
								1305	29.230	0.2288
								1345	28.585	0.2338
								1350	27.948	0.2344
								1440	27.320	0.2403
								1515	26.088	0.2408
								1605	25.485	0.2463
								1640	24.302	0.2469
								1735	23.723	0.2525
								1810	22.590	0.2530
								1910	22.035	0.2587
								1945	20.950	0.2591
								2045	20.419	0.2644
								2050	19.896	0.2645
								2155	19.381	0.2703
								2230	18.375	0.2707
								2330	17.884	0.2754
								2400	17.400	0.2769
							12-22	15	16.924	0.2772
								140	16.456	0.2833
								230	15.956	0.2860
								235	15.542	0.2864
								515	15.097	0.2968
								520	14.659	0.2971

NOTES: To convert runoff in CFS to I<sub>18</sub>/HR, multiply by 0.00025613.

1971 SELECTED FLOOD EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED N					
ANTECEDENT CONDITIONS			RAINFALL			FLOOD		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)
Acc. (inches)								
EVENT OF DECEMBER 20 - 24, 1971 (CONTINUED)								
				12-22		820	14.228	0.3082
						830	13.806	0.3086
						920	13.806	0.3118
						935	13.390	0.3121
						1150	12.982	0.3197
						1200	12.581	0.3202
						1325	12.581	0.3248
						1345	12.167	0.3251
						1700	11.801	0.3350
						1710	11.423	0.3355
						1905	11.423	0.3411
						1910	11.051	0.3414
						2235	10.666	0.3509
						2245	10.329	0.3513
						2400	10.329	0.3547
				12-23		45	9.978	0.3549
						405	9.635	0.3632
						430	5.298	0.3634
						845	8.969	0.3734
						1235	6.646	0.3813
						1240	6.330	0.3815
						1940	8.022	0.3961
						2400	7.720	0.4044
				12-24		110	7.424	0.4045

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00025613.



EVENT OF DECEMBER 20 - 24, 1971  
TIPTON, GEORGIA LITTLE RIVER WATERSHED N

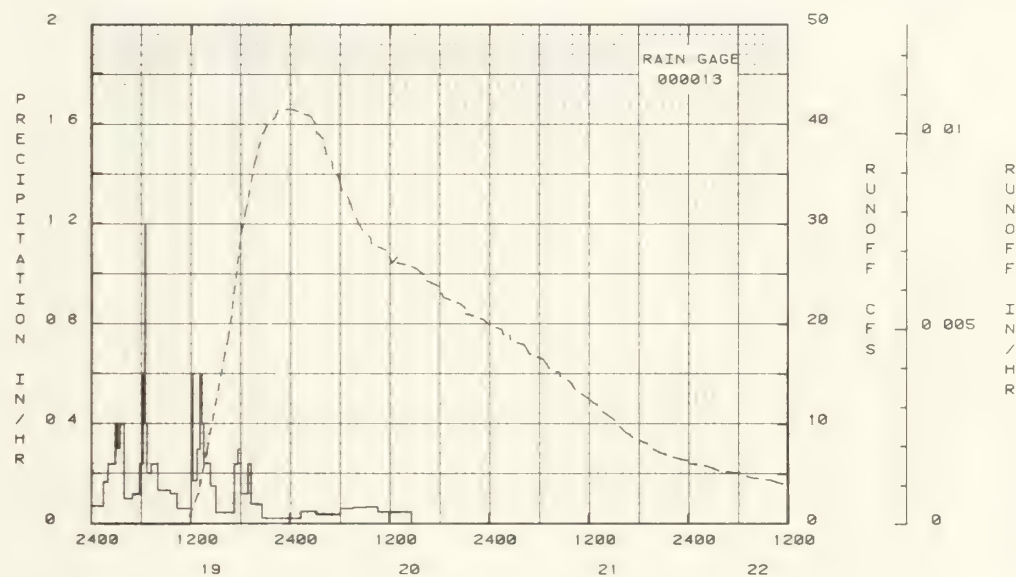


1972 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED N							
ANTECEDENT CONDITIONS			FAINFALL			RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 18 - 23, 1972										
RG 000013			FG 000013							
6-18	0.11		6-18	2400	0.0	0.0	6-19	1040	0.0	0.0
6-19		0.0	6-19	5	1.0600	0.05		1135	0.122	0.0
				130	0.0706	0.15		1255	3.033	0.0001
				205	0.1714	0.25		1400	7.424	0.0004
				230	0.2400	0.35		1600	16.456	0.0065
WATERSHED CONDITIONS:				255	0.2400	0.49		1640	19.361	0.0069
Residential, 1.7%; water,				310	0.4000	0.59		1805	29.230	0.0144
2.1%; crops, 46.7%; wet-				330	0.5000	0.65		1835	31.216	0.0156
land, 0.2%; pasture,				345	0.4000	0.75		1940	36.149	0.0173
17.3%; roads, 0.9%;				400	0.4000	0.65		2040	39.156	0.0190
forest, 31.1%.				500	0.1000	0.95		2110	39.933	0.0207
				550	0.1200	1.05		2210	40.716	0.0310
				615	0.2400	1.15		2230	41.508	0.0327
				625	0.6000	1.25		2400	41.508	0.0487
				630	1.2001	1.35	6-20	225	40.716	0.0741
				645	0.4000	1.49		300	39.933	0.0784
				715	0.2000	1.55		305	39.158	0.0792
				740	0.2400	1.65		355	38.393	0.0875
				805	0.2400	1.75		420	36.868	0.0883
				850	0.1333	1.65		500	36.149	0.0946
				935	0.1333	1.59		505	35.417	0.0953
				1025	0.1200	2.05		545	34.656	0.1013
				1205	0.0600	2.15		615	33.278	0.1020
				1215	0.6000	2.25		655	32.582	0.1077
				1250	0.1714	2.35		730	31.216	0.1083
				1310	0.3000	2.45		815	29.884	0.1096
				1320	0.6000	2.55		840	29.230	0.1102
				1335	0.4000	2.65		940	28.585	0.1176
				1400	0.2400	2.75		945	27.948	0.1182
				1425	0.2400	2.65		1130	27.320	0.1306
				1505	0.1500	2.55		1215	26.088	0.1312
				1720	0.0444	3.05		1250	26.700	0.1318
				1745	0.2400	3.15		1255	26.088	0.1323
				1805	0.3000	3.25		1515	25.485	0.1477
				1855	0.1200	3.39		1600	24.890	0.1504
				1920	0.2400	3.45		1625	24.302	0.1509
				2040	0.0750	3.59		1750	23.723	0.1596
			6-20	2400	0.0210	3.66		1830	22.590	0.1601
				120	0.0225	3.65		2025	22.035	0.1711
				315	0.0522	3.75		2110	21.489	0.1743
				605	0.0553	3.89		2115	20.950	0.1747
				740	0.0632	3.55		2320	20.419	0.1858
				910	0.0667	4.05		2400	19.856	0.1887
				1035	0.0706	4.15	6-21	135	19.361	0.1967
				1240	0.0480	4.25		145	18.875	0.1975
				1440	0.0500	4.35		230	18.875	0.2011
								235	18.375	0.2015
								415	17.884	0.2093
								455	16.924	0.2096
								630	16.456	0.2164
								715	15.542	0.2168
								830	15.057	0.2217
								835	14.659	0.2220
								945	14.228	0.2263
								1025	13.390	0.2266
								1150	12.581	0.2274
								1305	11.801	0.2305
								1355	11.051	0.2307
								1510	10.329	0.2334
								1615	5.258	0.2336
								1720	8.646	0.2338
								1910	8.022	0.2362
								1955	7.424	0.2364
								2125	6.854	0.2367
								2400	6.310	0.2397
							6-22	10	6.047	0.2400
								220	5.751	0.2433
								345	5.299	0.2434
								615	5.062	0.2467
								735	4.608	0.2468

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0025613.

1972	SELECTED RUNCFF EVENT			TIPTON, GEORGIA LITTLE FIVER WATERSHED N						
ANTECEDENT CONDITIONS			RAINFALL			RUNCFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 18 - 23, 1972 (CONTINUED)										
							6-22	1000	4.350	0.2494
								1125	3.972	0.2495
								1355	3.772	0.2515
								1500	3.351	0.2516
								1655	3.033	0.2517
								1855	2.658	0.2518
								2305	2.385	0.2537
								2400	2.238	0.2542
							6-23	140	2.055	0.2542

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00025613.



EVENT OF JUNE 18 - 23, 1972  
TIPTON, GEORGIA LITTLE RIVER WATERSHED N

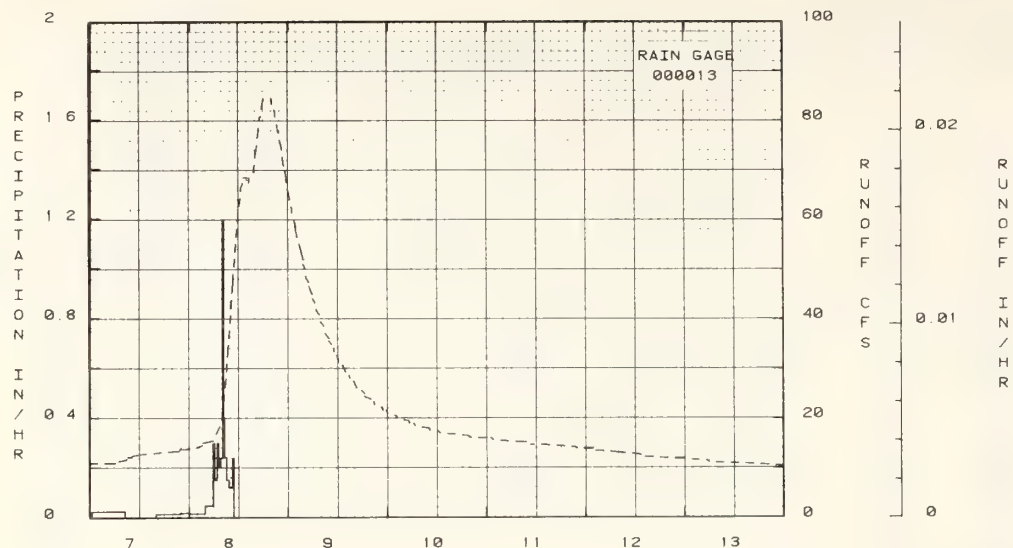
1973 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED N							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JANUARY 6 - 14, 1973										
RG 000013			RG 000013							
1- 7	0.10		1- 7	29	0.0	0.0	1- 6	2400	11.051	0.0
1- 6		0.072		430	0.0249	0.10	1- 7	610	11.051	0.0175
				830	0.0250	0.20		700	11.423	0.0187
				1555	0.0	0.20		855	11.801	0.0229
				2155	0.0169	0.30		915	12.187	0.0234
WATERSHED CONDITIONS: Residential, 1.7%; water, 2.1%; crops 46.7%; wet- land, 0.2%; pasture, 17.3%; roads, 0.9%; forest, 31.1%.				2400	0.0192	0.34		1010	12.187	0.0262
			1- 8	350	0.0157	0.40		1020	12.581	0.0268
				550	0.0500	0.50		1335	12.982	0.0374
				610	0.3000	0.60		2045	13.350	0.0608
				650	0.1500	0.70		2135	13.350	0.0625
				710	0.3000	0.80		2145	13.806	0.0631
				740	0.2000	0.50		2400	13.806	0.0710
				805	0.2400	1.00	1- 8	155	14.228	0.0775
				820	1.2000	1.30		310	14.659	0.0798
				835	0.4000	1.40		320	15.057	0.0804
				900	0.2400	1.50		545	15.542	0.0895
				940	0.1500	1.60		635	16.924	0.0903
				1030	0.1200	1.70		725	18.375	0.0907
				1055	0.2400	1.80		800	19.896	0.0928
								830	24.850	0.0943
								855	27.948	0.0971
								930	34.656	0.0999
								1005	42.310	0.1016
								1030	46.449	0.1064
								1040	49.043	0.1084
								1150	61.240	0.1249
								1215	64.281	0.1263
								1225	66.357	0.1291
								1255	67.409	0.1376
								1305	68.471	0.1405
								1400	68.471	0.1566
								1420	67.409	0.1581
								1430	68.471	0.1610
								1530	69.542	0.1786
								1610	73.927	0.1818
								1625	75.046	0.1865
								1645	78.466	0.1931
								1705	80.756	0.1948
								1720	80.796	0.1982
								1735	83.164	0.2035
								1800	84.365	0.2070
								1955	84.365	0.2485
								2000	83.164	0.2503
								2035	81.975	0.2626
								2130	77.317	0.2659
								2220	73.927	0.2675
								2250	70.623	0.2690
								2315	69.542	0.2765
								2330	67.409	0.2809
								2400	65.315	0.2837
							1- 9	45	62.245	0.2850
								50	61.240	0.2863
								130	59.261	0.2876
								205	56.361	0.2888
								245	54.477	0.2900
								330	51.718	0.2911
								335	50.816	0.2922
								405	49.925	0.2986
								420	48.168	0.3018
								455	47.305	0.3089
								500	46.449	0.3099
								545	44.767	0.3108
								550	43.938	0.3118
								625	43.119	0.3183
								650	41.508	0.3192
								730	40.716	0.3262
								755	39.158	0.3270
								835	38.393	0.3337
								900	36.868	0.3345
								940	36.149	0.3407

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00025413.

1973			TIFTON, GEORGIA LITTLE RIVER				WATERBED N			
SELECTED FURCFF EVENT										
ANTECEDENT CONDITIONS			FAINFALL				FURCFF			
Date	Fainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JANUARY 6 - 14, 1973 (CONTINUED)										
							1- 9	945	35.417	0.3415
								1025	34.656	0.3475
								1100	33.983	0.3511
								1105	33.278	0.3518
								1145	32.582	0.3574
								1210	31.216	0.3581
								1310	30.546	0.3647
								1345	29.230	0.3653
								1445	28.585	0.3727
								1450	27.948	0.3733
								1550	27.320	0.3804
								1630	26.088	0.3810
								1745	25.485	0.3892
								1825	24.850	0.3924
								1830	24.302	0.3925
								2000	23.723	0.4022
								2045	23.153	0.4056
								2050	22.550	0.4061
								2245	22.035	0.4171
								2255	21.485	0.4180
								2345	21.489	0.4226
								2400	20.950	0.4235
							1-10	215	20.419	0.4354
								220	19.856	0.4358
								510	19.381	0.4501
								520	18.875	0.4509
								625	18.875	0.4561
								645	18.375	0.4565
								1010	17.884	0.4724
								1020	17.400	0.4731
								1215	17.400	0.4817
								1250	16.924	0.4821
								1935	16.456	0.5109
								2015	15.956	0.5113
								2400	15.956	0.5256
							1-11	105	15.996	0.5283
								140	15.542	0.5290
								940	15.097	0.5594
								1045	14.655	0.5613
								1135	14.659	0.5625
								1330	14.659	0.5651
								2125	14.228	0.5978
								2150	13.806	0.5984
								2400	13.806	0.6060
							1-12	140	13.806	0.6119
								230	13.390	0.6128
								940	12.982	0.6364
								1330	12.581	0.6481
								1435	12.187	0.6489
								2320	11.801	0.6750
								2400	11.801	0.6755
							1-13	550	11.423	0.6929
								555	11.051	0.6931
								1840	10.666	0.7286
								2400	10.329	0.7421
							1-14	115	10.329	0.7454
								120	9.978	0.7456
								2400	9.978	0.8035

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00025613.





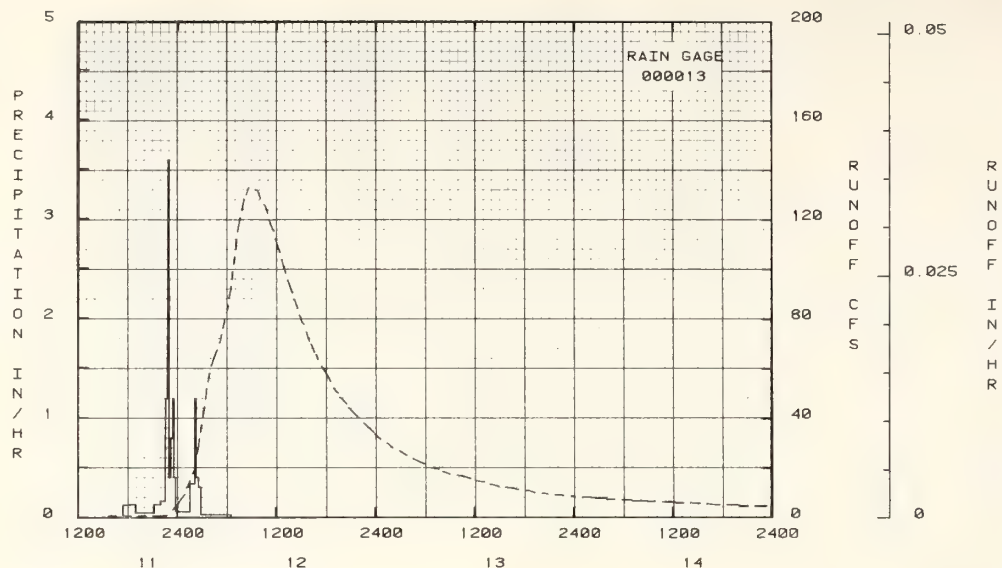
EVENT OF JANUARY 6 - 14, 1973  
TIPTON, GEORGIA LITTLE RIVER WATERSHED N

1974 SELECTED RUNCFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED N							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MAY 11 - 14, 1974										
RG 000013			RG 000013							
5-11	0.0	0.003	5-11	1729	0.0	0.0	5-11	1545	0.715	0.0
				1815	0.1304	0.10		2200	0.792	0.0007
				1900	0.1333	0.20		2250	1.051	0.0008
				2115	0.0444	0.30		2400	5.062	0.0011
				2200	0.1333	0.40	5-12	55	9.258	0.0014
WATERSHED CONDITIONS: Residential, 1.7%; water, 2.1%; crops, 46.7%; wet- land, 0.2%; pasture, 17.3%; roads, 0.9%; forest, 31.1%.				2235	0.1714	0.50		210	19.856	0.0023
				2245	1.2001	0.70		235	28.585	0.0034
				2250	1.1599	0.80		320	44.767	0.0043
				2255	3.6000	1.10		335	51.718	0.0074
				2300	2.4000	1.30		355	58.285	0.0121
				2315	0.4000	1.40		420	63.259	0.0166
				2330	0.8000	1.60		450	67.409	0.0215
				2335	1.2001	1.70		510	70.623	0.0245
				2350	0.4000	1.80		610	85.574	0.0445
				2400	0.0601	1.81		630	93.044	0.0464
			5-12	135	0.0568	1.50		705	109.053	0.0510
				210	0.3429	2.10		725	117.679	0.0583
				220	1.2000	2.30		805	128.178	0.0793
				235	0.4000	2.40		820	129.722	0.0848
				255	0.3000	2.50		835	132.839	0.0932
				635	0.0273	2.60		940	131.275	0.1299
								1000	128.178	0.1326
								1035	125.126	0.1353
								1055	122.115	0.1431
								1115	117.679	0.1534
								1140	114.774	0.1608
								1205	109.093	0.1727
								1225	106.314	0.1773
								1250	100.881	0.1884
								1335	93.044	0.1904

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00025613.

1974 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED N							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MAY 11 - 14, 1974 (CONTINUED)										
				5-12			1415		86.755	0.1941
							1505		78.466	0.2009
							1520		77.317	0.2059
							1600		70.623	0.2075
							1615		69.542	0.2119
							1635		66.357	0.2177
							1650		65.315	0.2220
							1700		63.259	0.2247
							1745		55.261	0.2260
							1835		54.477	0.2283
							1910		50.816	0.2316
							1930		49.925	0.2355
							1945		48.168	0.2391
							2030		45.603	0.2430
							2045		43.936	0.2459
							2155		39.933	0.2476
							2240		37.636	0.2484
							2350		33.983	0.2491
							2400		33.278	0.2496
				5-13			40		31.216	0.2505
							125		29.864	0.2511
							205		27.948	0.2517
							255		26.700	0.2529
							350		24.850	0.2535
							450		23.153	0.2545
							555		21.489	0.2558
							645		19.856	0.2563
							745		19.381	0.2605
							815		18.375	0.2609
							905		17.400	0.2612
							1045		16.456	0.2659
							1135		15.542	0.2672
							1215		14.659	0.2675
							1315		14.228	0.2712
							1355		13.390	0.2715
							1455		12.581	0.2721
							1635		11.801	0.2756
							1720		11.051	0.2759
							1835		10.666	0.2754
							1920		9.978	0.2756
							2050		9.635	0.2834
							2055		9.258	0.2836
							2250		8.969	0.2880
							2400		8.646	0.2902
				5-14			10		8.330	0.2904
							235		8.022	0.2955
							245		7.720	0.2958
							400		7.720	0.2983
							405		7.424	0.2985

NOTES: To convert runoff in CFS to IN/BB, multiply by 0.00025613.



EVENT OF MAY 11 - 14, 1974  
TIPTON, GEORGIA LITTLE RIVER WATERSHED N

1975 SELECTED RUNOFF EVENT

TIPTON, GEORGIA LITTLE RIVER WATERSHED N

ANTECEDENT CONDITIONS			RAINFALL			RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(inches)
EVENT OF APRIL 13 - 17, 1975								
RG 000013			EG 000013					
4-13	0.0	0.045	4-13	2124	0.0	4-13	1200	13.350
				2345	0.0426		1635	12.982
				2400	0.0400		1645	12.581
			4-14	205	0.0432		1920	12.561
				325	0.0750		1925	12.187
WATERSHED CONDITIONS:				550	0.0414		2400	12.167
Residential, 1.7%; water,				700	0.0857		205	12.187
2.1%; crops, 46.7%; wet-				720	0.3000	4-14	215	12.561
land, 0.2%; pasture,				850	0.0667		345	12.982
17.3%; roads, 0.9%;				1015	0.0706		535	14.228
forest, 31.1%.				1145	0.0667		635	15.956
				1255	0.0857		850	19.896
				1335	0.1500		1145	29.230
				1430	0.1091		1305	33.983
				1640	0.0462		1335	36.888
				1650	0.6000		1415	43.938
				1710	0.3000		1505	50.816
				1720	0.6000		1520	51.718
				1735	0.4000		1620	59.261
				1800	0.2400		1635	60.246
				1845	0.1333		1710	67.409
				1940	0.1091		1740	77.317
				2005	0.2400		1815	91.775
				2035	0.2000		1845	107.697
							1935	128.178
							1950	141.863
							2000	156.063
							2035	230.256
							2100	269.189
							2150	317.164

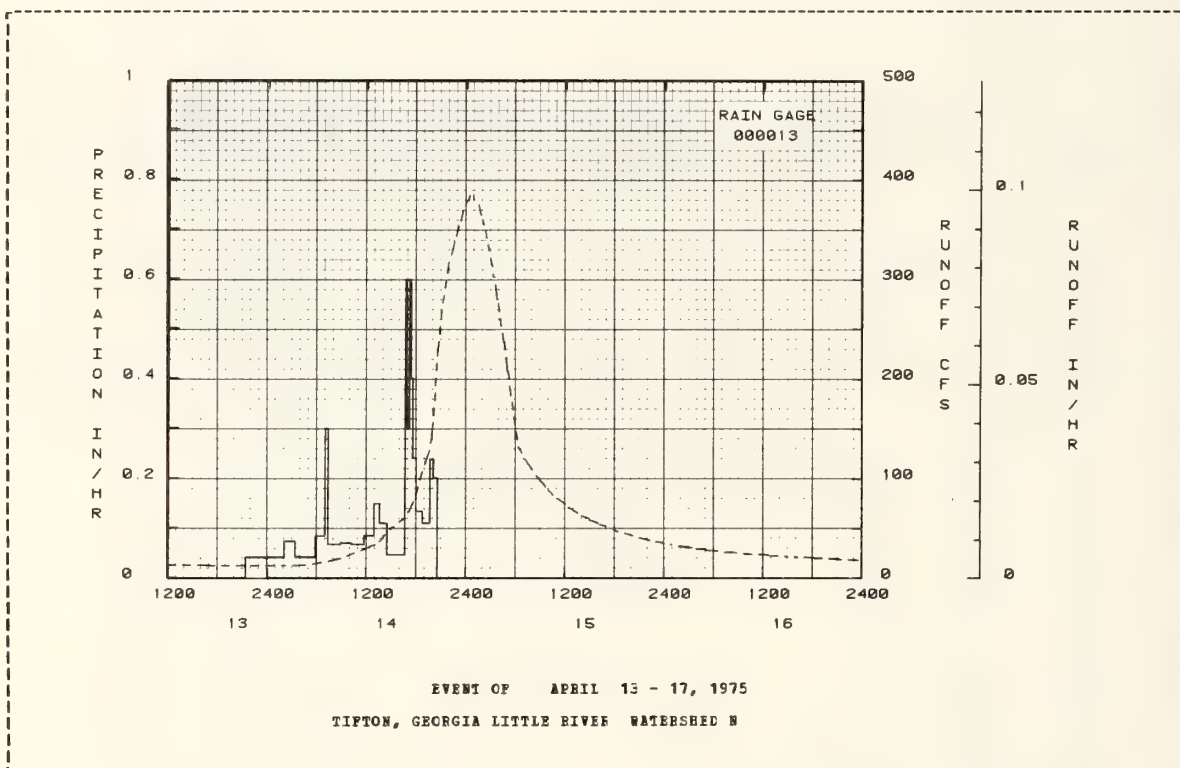
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00025613.

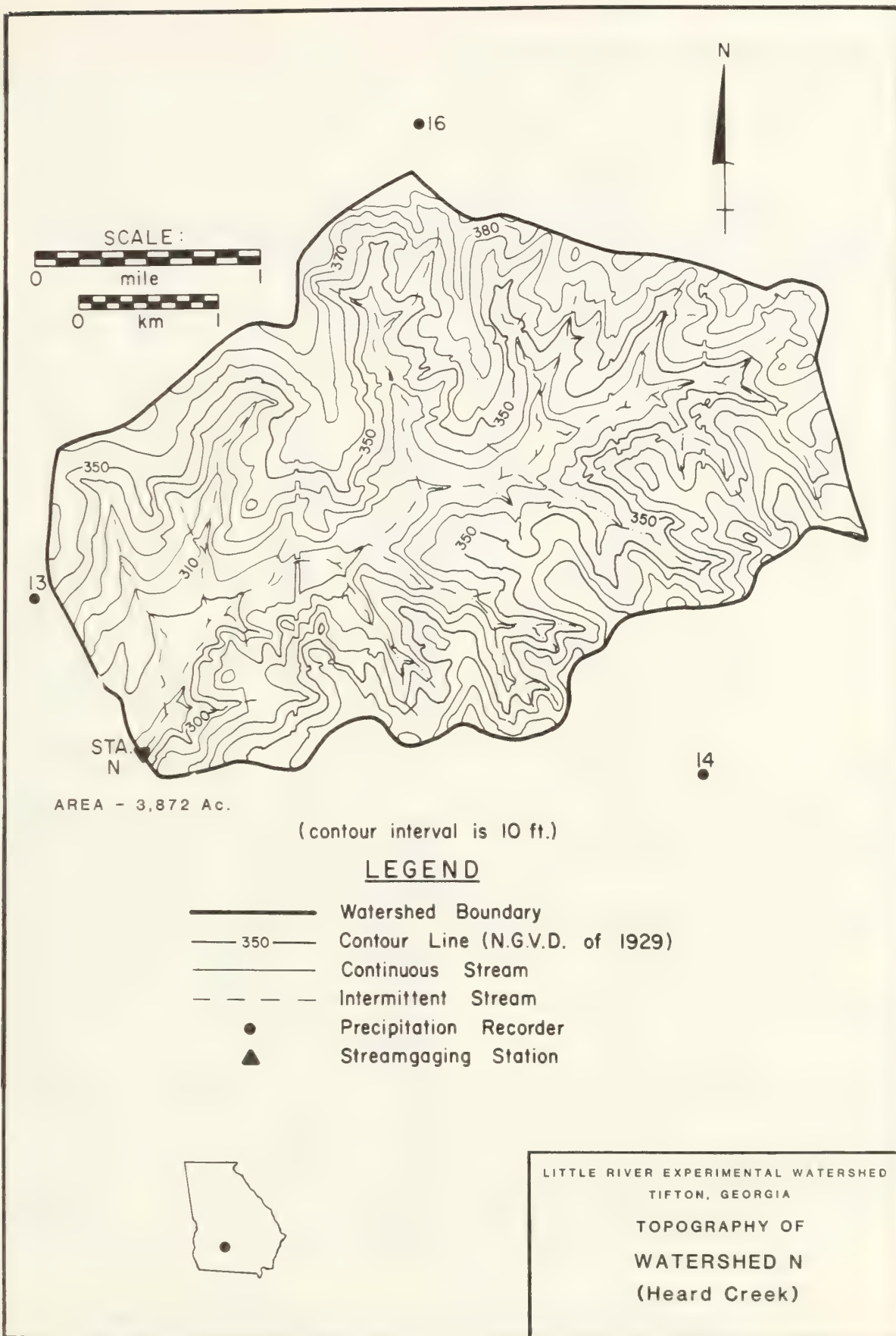
NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00025613.



1975	SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED N							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF APRIL 13 - 17, 1975 (CONTINUED)											
							4-16	1820	15.856	1.0290	
								2025	19.381	1.0395	
								2130	18.375	1.0399	
								2335	17.884	1.0495	
								2400	17.400	1.0506	
							4-17	50	16.924	1.0510	
								335	16.456	1.0628	
								345	15.996	1.0634	
								555	15.956	1.0723	
								600	15.542	1.0727	
								1235	15.057	1.0985	
								1240	14.659	1.0988	
								1630	14.228	1.1130	
								1640	13.806	1.1136	
								1815	13.806	1.1152	
								1820	13.350	1.1195	
								2400	12.982	1.1386	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00025613.





LITTLE RIVER EXPERIMENTAL WATERSHED  
TIFTON, GEORGIA

TOPOGRAPHY OF  
WATERSHED N  
(Heard Creek)

TIFTON, GEORGIA LITTLE RIVER WATERSHED 0

LOCATION: Tift County, Georgia; approximately 2.5 miles northwest of Tifton on County Road S1179; Mill Creek, Little River Watershed, Withlacoochee River Sub-basin, Suwannee River Basin. Lat. 31 deg. 29 min. 36 sec., long. 83 deg. 34 min. 04 sec.

AREA: 3936.00 acres 6.15 sq. miles

SLOPES: Slope-Percent 0-2 2-5 5-8  
Percent of area 17.0 78.0 5.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwannee, Ocala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, limy clay, degraded limestone) are of Lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OR TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		Internal drainage
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth (in.)	Perme- ability	
Tifton loamy sand	34.721	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Low	Medium
Alapaha loamy sand	16.27	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Low	Poor
Dothan loamy sand	7.70	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium subangular blocky	Moderate	60-72	Low	Medium
Kinston-Osier	7.59	6	Moderate fine granular to moderate medium granular	Moderate	Weak medium subangular blocky	Moderate	60	Moderate	Poor to very poor
Puquay loamy sand	6.26	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Low	Good
Cowarts loamy sand and sandy loam	4.78	6-12	Weak fine granular	Moderate	Weak to moderate  medium sub- angular blocky	Moderate in upper to  slow in lower part	36	Low	Good
Ocilla loamy sand	4.58	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	72-80	Low	Poor
Pelham loamy sand	3.46	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Low	Poor
Carnegie sandy loam	2.82	5	Weak fine granular	Moderate	Moderate medium subangular blocky	Moderate in upper part to moderately slow in lower part	60	Low	Good
Stilson loamy sand	2.57	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Low	Moderately well

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia Institute of Technology, and Middle South Georgia Soil Conservation District

SERIES OF TYPE (TEXTURE)	Per-cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme-ability	Structure	Perme-ability	Avg. depth (in.)	Perme-ability	Internal drainage
Lakeland sand	1.86	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-65	Moderate	Excessive
Leefield loamy sand	1.60	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part; moderately slow in lower part	60-66	Lcw	Pccr
Clarendoo loamy sand	1.54	8	Weak fine granular	Moderate	Weak fine to weak medium subangular blocky to moderate medium subangular blocky	Moderate in upper part to moderately slow in lower part	60-70	Lcw	Moderate
Ardilla loamy sand	1.10	8-12	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part to moderately slow in lower part	72-80	Lcw	Pccr
Fains loamy fine	1.04	5-12	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Moderate	Pccr
Miscellaneous soils (8), each less than 1%	2.11								
TOTAL	100.00								
1/Percent of area based on 1979 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EROSION: Erosion Class      +      1      2      3      4      5  
Percent of Area      0.0    82.0    18.0    0.0    0.0    0.0

LAND CAPABILITY: Class      I      II      III      IV      V      VI      VII      VIII  
Percent of Area      0.3    47.4    10.1    1.9    35.3    0.9    4.1    0.0

GEOLOGY: Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station 1. Below Station 1, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 2 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by F. E. Carver, Department of Geology, University of Georgia).

SYSTEM	Formation and percent of area		Description
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Deposited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.



SYSTEM	Formation and percent of area	Description
Paleocene	Tampa limestone formation	White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee Limestone	White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone	White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene		Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL	100.00	

SURFACE DRAINAGE: Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 1.4 miles. Drainage density 4.76.

CHARACTER OF FLOW: Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

INSTRUMENTATION: Runoff: Two Fischer and Porter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one FM-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Eleven Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 3-mile grid.

WATERSHED CONDITIONS: Residential, 1.6%; water, 2.9%; crops, 29.6%; pasture, 31.7%; roads, 1.3%; forest, 32.9%.

GENERALLY REPRESENTS: Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)						TIFTON, GEORGIA LITTLE RIVER WATERSHED C											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1968	P	1.35	1.54	3.22	2.34	3.76	1.76	6.45	5.58	0.52	0.59	4.36	6.31	37.82			
	Q												0.667				
1969	P	1.15	3.31	6.48	0.94	5.72	2.29	8.05	5.94	5.31	0.26	0.77	4.12	44.34			
	Q	1.110	1.501	3.820	0.517	0.853	0.036	0.325	1.204	1.194	0.197	0.053	0.574	11.385			
1970	P	2.54	4.72	6.40	1.21	7.01	1.91	7.70	13.73	1.90	4.34	0.73	3.05	57.28			
	Q	1.118	2.458	4.484	1.264	1.020	0.628	1.215	5.669	0.602	0.755	0.566	0.806	20.585			
1971	P	2.26	6.21	4.81	4.80	4.05	5.55	6.05	5.52	1.08	2.19	3.22	5.55	51.53			
	Q	1.361	2.877	3.303	1.762	2.036	0.482	1.352	0.633	0.103	0.021	0.117	1.567	15.634			
1972	P	5.72	6.06	3.68	0.74	1.76	8.49	4.60	2.44	0.38	3.36	2.78	5.45	45.46			
	Q	3.443	4.325	1.794	0.514	0.018	0.678	0.426	0.013	0.016	0.010	0.032	0.791	12.060			
1973	P	5.95	6.23	6.00	9.42	3.15	5.54	4.80	3.20	1.21	0.94	1.27	3.26	50.97			
	Q	3.554	5.691	2.135	7.771	0.756	1.234	0.450	0.188	0.013	0.0	0.0	0.144	21.935			
1974	P	4.63	6.19	3.75	5.08	3.85	6.22	5.45	5.42	6.21	0.59	1.60	1.71	50.70			
	Q	0.502	2.977	1.672	2.586	0.637	0.490	0.183	0.704	1.772	0.124	0.073	0.261	11.981			
1975	P	6.86	2.34	6.67	9.93	2.55	2.17	3.88	5.68	3.90	2.62	1.14	4.04	51.82			
	Q	2.289	1.429	3.654	5.918	1.422	0.047	0.062	0.190	0.155	0.254	0.070	0.401	15.913			
STA AV	P	3.81	4.58	5.38	4.31	3.99	4.24	5.87	5.94	2.56	1.86	1.58	4.20	46.72			
	Q	1.914	3.037	2.580	2.904	0.963	0.513	0.576	1.229	0.551	0.195	0.130	0.676	15.670			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval									
		Date	Rate	Date	Vol.	Date	Vol.	6 Hours	12 Hours	1 Day	2 Days	8 Days					
								Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.		
1968		12-31	0.019	12-31	0.019	12-31	0.037	12-31	0.105	12-31	0.191	12-30	0.280	12-25	0.304	12-23	0.543
1969		3-24	0.064	3-24	0.064	3-24	0.126	3-18	0.355	3-18	0.611	3-18	0.863	3-16	1.098	3-18	2.242
1970		3-22	0.137	3-22	0.136	3-22	0.266	3-22	0.675	3-21	1.049	3-21	1.312	8-24	2.038	8-20	4.414
1971		4-30	0.052	4-30	0.051	4-30	0.102	4-30	0.264	4-30	0.493	4-30	0.687	4-25	0.654	2-7	1.381
1972		2-3	0.069	2-3	0.069	2-3	0.136	2-3	0.360	2-3	0.556	2-3	0.752	2-2	1.092	2-1	2.034
1973		2-2	0.155	2-2	0.154	2-2	0.304	2-2	0.754	2-2	1.245	4-3	1.691	3-30	2.097	3-31	5.012
1974		4-5	0.098	4-5	0.098	4-5	0.193	4-5	0.515	4-5	0.806	4-5	1.032	2-7	1.301	4-2	1.510
1975		4-10	0.109	4-10	0.109	4-10	0.217	4-10	0.623	4-10	1.125	4-10	1.688	4-10	2.031	4-5	3.833
MAXIMUMS FOR PERIOD OF RECORD																	
		2-2	0.155	2-2	0.154	2-2	0.304	2-2	0.794	2-2	1.249	4-3	1.691	3-30	2.097	3-31	5.012
1973		1973		1973		1973		1973		1973		1973		1973		1973	

NOTES: Watershed conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.004-29 this publication. For composition map showing location of rain gages see map page 74.002-22 this publication. Precipitation records began January 1968. Runoff records began December 1, 1968. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 8 recording gages. Runoff station averages include part-year records. Precipitation station averages are for record period beginning 1968. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.

1968	DAILY PRECIPITATION (inches)					TIPTON, GEORGIA LITTLE RIVER WATERSHED C						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.81	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.47
2	0.03	0.24	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.21
3	0.04	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	1.61
4	0.0	0.0	0.0	0.0	0.11	0.0	0.94	0.0	0.0	0.0	1.35	0.0
5	0.0	0.0	0.0	0.31	0.0	0.0	0.06	0.07	0.0	0.0	0.0	0.0
6	0.0	0.26	0.0	0.0	0.0	0.45	0.02	0.0	0.0	0.08	0.0	0.0
7	0.17	0.01	0.0	0.0	0.0	0.76	0.11	0.0	0.0	0.02	0.0	0.40
8	0.0	0.0	0.0	0.0	0.0	0.0	0.62	0.0	0.14	0.0	0.0	0.0
9	0.06	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	1.78	0.0
10	0.24	0.0	0.82	0.06	0.0	0.0	2.83	0.33	0.0	0.0	0.0	0.0
11	0.0	0.0	1.69	0.0	0.0	0.0	0.26	1.11	0.0	0.0	0.76	0.0
12	0.0	0.0	0.49	0.0	0.10	0.22	0.03	0.02	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.05	0.0	0.0	0.0	0.01
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.40
15	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.14	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.13	0.0
17	0.0	0.0	0.0	0.0	0.0	0.26	0.08	0.0	0.0	0.02	0.03	0.0
18	0.0	0.22	0.0	0.0	0.84	0.04	0.0	0.49	0.0	0.45	0.19	0.0
19	0.0	0.05	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.02	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.69
23	0.02	0.30	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.05
24	0.0	0.02	0.0	0.41	0.0	0.0	0.05	0.01	0.0	0.0	0.06	0.0
25	0.0	0.0	0.0	0.0	0.10	0.0	0.01	0.21	0.0	0.02	0.0	0.0
26	0.0	0.0	0.0	0.0	0.51	0.0	0.0	0.55	0.08	0.0	0.04	0.0
27	0.0	0.0	0.0	1.36	0.40	0.0	0.49	0.03	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.18	1.30	0.0	0.02	0.22	0.0	0.0	0.02	0.55
29	0.0	0.26	0.0	0.0	0.0	0.0	0.57	0.0	0.0	0.0	0.0	0.0
30	0.02	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.54
TOTAL	1.39	1.54	3.22	2.34	3.76	1.76	6.45	5.58	0.52	0.59	4.36	6.31
STA AV	1.39	1.54	3.22	2.34	3.76	1.76	6.45	5.58	0.52	0.59	4.36	6.31

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 1 yr (1968) record period.

1969	DAILY PRECIPITATION (inches)					TIPTON, GEORGIA LITTLE RIVER WATERSHED C						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.27	0.0	0.0	0.0	0.0	0.11	0.85	0.09	0.03	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.09	0.0	0.0	0.0	0.0
3	0.0	0.07	0.10	0.0	0.0	0.0	0.0	0.04	0.01	0.0	0.0	0.0
4	0.04	0.0	0.0	0.0	0.0	0.0	0.0	1.36	0.01	0.0	0.06	0.0
5	0.0	0.0	0.0	0.08	0.0	0.09	0.0	0.06	0.0	0.0	0.01	0.0
6	0.0	0.04	1.72	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.76
8	0.0	0.63	0.11	0.0	0.0	0.0	0.19	0.01	0.13	0.0	0.0	0.0
9	0.08	0.06	0.16	0.0	0.43	0.0	0.05	0.0	0.01	0.0	0.0	0.42
10	0.0	0.0	0.0	0.0	0.0	0.02	0.25	0.71	0.0	0.0	0.0	0.95
11	0.0	0.0	0.0	0.0	0.0	0.55	0.08	0.08	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.03	0.06	0.28	0.0	0.0	0.0	0.17	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.02	1.03	0.0	0.0	0.20	0.0
14	0.0	0.20	0.0	0.0	0.22	0.0	0.48	0.08	0.0	0.0	0.0	0.0
15	0.0	1.85	0.0	0.0	1.08	0.0	0.22	0.34	0.17	0.0	0.0	0.0
16	0.0	0.09	0.34	0.0	1.09	0.0	0.08	0.02	0.0	0.0	0.0	0.0
17	0.0	0.06	0.28	0.0	0.01	0.0	0.01	0.03	0.0	0.0	0.0	0.0
18	0.01	0.0	2.22	0.80	1.26	0.0	0.0	0.0	0.08	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.28	0.0	0.0	0.11	0.18	0.01	0.20	0.0
20	0.17	0.0	0.0	0.0	0.0	1.13	0.87	0.0	0.43	0.07	0.0	0.0
21	0.01	0.0	0.0	0.0	0.0	0.04	0.38	0.0	3.25	0.02	0.0	0.97
22	0.0	0.30	0.0	0.0	0.0	0.0	2.01	1.16	0.07	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	1.13	0.0	0.98	0.25	0.03	0.0	0.0	0.01
24	0.75	0.01	1.28	0.0	0.01	0.0	0.02	0.06	0.0	0.0	0.0	0.0
25	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.83
26	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.01
27	0.04	0.0	0.0	0.0	0.07	0.0	0.08	0.01	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.01	0.0	0.0	0.95	0.0	0.0	0.0	0.10	0.0
29	0.0	0.0	0.0	0.0	0.0	0.39	0.01	0.0	0.05	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.02	0.01	0.02	0.34	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.95	0.05	0.0	0.05	0.0	0.16
TOTAL	1.15	3.31	6.48	0.94	5.72	2.29	8.05	5.94	5.31	0.26	0.77	4.12
STA AV	1.27	2.43	4.85	1.64	4.74	2.03	7.25	5.76	2.92	0.43	2.57	5.22

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 2 yr (1968-69) record period.

1970	DAILY PRECIPITATION (inches)					TIPTON, GEORGIA LITTLE RIVER WATERSHED C							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.39	0.18	0.0	0.0	0.0	0.56	0.0	0.0	0.0	0.0	0.0	0.0	
2	0.0	1.65	0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.09	0.0	0.0	0.61	0.0	1.06	0.0	0.0	0.0	0.0	0.0	
4	0.0	0.0	0.34	0.0	0.16	0.28	1.84	0.06	0.0	0.0	0.0	0.0	
5	0.10	0.0	0.28	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
6	1.11	0.0	0.0	0.0	0.0	0.0	0.0	1.06	0.0	0.0	0.0	0.0	
7	0.01	0.0	0.0	0.0	0.0	0.0	0.0	1.25	0.0	0.0	0.0	0.0	
8	0.0	0.0	1.23	0.0	0.0	0.0	0.06	0.03	0.0	0.01	0.0	0.0	
9	0.0	0.0	0.04	0.0	0.0	0.0	0.02	0.02	0.0	0.0	0.0	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.0	0.16	1.35	0.25	0.0	0.62	0.0	
11	0.21	0.0	0.09	0.05	0.0	0.0	0.25	0.44	0.03	0.0	0.0	0.0	
12	0.11	0.0	0.01	0.23	0.0	0.0	0.0	0.14	0.0	0.10	0.0	0.0	
13	0.0	0.0	0.0	0.0	0.0	0.57	0.07	0.02	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.10	0.0	
15	0.12	0.0	0.0	0.0	0.0	0.0	0.0	0.13	0.0	0.05	0.0	0.05	
16	0.0	2.31	0.0	0.0	0.0	0.0	0.32	0.0	0.07	0.0	0.0	0.87	
17	0.03	0.10	0.10	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0	0.0	
18	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01	
19	0.05	0.0	0.34	0.22	0.0	0.0	0.13	0.01	0.05	1.66	0.0	0.0	
20	0.0	0.0	0.83	0.25	0.0	0.0	0.05	2.78	0.0	0.37	0.0	0.0	
21	0.0	0.0	2.71	0.0	0.02	0.0	0.04	0.0	0.0	0.07	0.0	0.0	
22	0.0	0.0	0.01	0.0	0.0	0.01	0.33	0.0	0.05	0.0	0.0	0.0	
23	0.01	0.0	0.0	0.0	0.0	0.0	0.46	0.70	0.01	0.0	0.0	0.0	
24	0.05	0.0	0.0	0.0	0.0	0.12	0.11	2.34	0.80	1.53	0.0	0.0	
25	0.01	0.38	0.0	0.0	1.78	0.36	0.0	1.12	0.32	0.0	0.0	0.20	
26	0.02	0.0	0.23	0.04	0.34	0.0	2.54	1.91	0.0	0.0	0.0	0.0	
27	0.0	0.01	0.0	0.0	0.03	0.0	0.0	0.03	0.26	0.0	0.0	0.0	
28	0.0	0.0	1.33	0.0	2.00	0.0	0.0	0.0	0.05	0.0	0.0	0.0	
29	0.24	0.05	0.05	0.0	0.05	0.0	0.04	0.0	0.01	0.25	0.0	1.32	
30	0.06	0.79	0.0	1.05	0.0	0.18	0.0	0.0	0.0	0.26	0.0	0.25	
31	0.0	0.32	0.03	0.03	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.31	
TOTAL	2.54	4.72	8.40	1.21	7.01	1.51	7.70	13.73	1.90	4.34	0.73	3.05	
STA AV	1.69	3.19	6.03	1.50	5.50	1.59	7.40	8.42	2.58	1.73	1.95	4.51	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 3 yr (1968-70) record period.

1971	DAILY PRECIPITATION (inches)					TIPTON, GEORGIA LITTLE RIVER WATERSHED C							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.09	0.05	0.02	0.0	0.03	0.57	0.01	0.0	0.01	0.05	
2	0.0	0.0	0.35	0.42	0.08	0.0	0.51	0.18	0.26	0.0	0.82	1.05	
3	0.02	0.0	0.45	0.0	0.0	0.0	0.57	0.0	0.11	0.0	0.22	1.32	
4	0.18	0.0	0.0	0.0	0.0	0.02	1.44	0.99	0.35	0.0	0.0	0.0	
5	0.38	0.51	0.0	0.79	0.01	0.0	0.06	0.01	0.02	0.0	0.0	0.02	
6	0.08	0.0	0.10	0.0	0.01	0.0	0.05	0.18	0.0	0.0	0.0	0.10	
7	0.02	1.58	0.10	0.0	0.0	0.05	0.10	0.02	0.01	0.0	0.0	0.0	
8	0.29	0.92	0.0	0.05	1.21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
9	0.15	0.0	0.0	0.0	0.03	0.0	0.0	0.09	0.0	0.77	0.0	0.0	
10	0.07	0.0	0.09	0.0	0.0	1.03	0.27	0.17	0.0	0.42	0.0	0.0	
11	0.01	0.0	0.0	0.0	0.0	0.0	0.73	0.06	0.0	0.0	0.0	0.24	
12	0.0	0.41	0.0	0.0	1.47	0.0	0.0	0.03	0.0	0.0	0.0	0.02	
13	0.04	0.01	0.62	0.0	0.02	0.32	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.0	0.0	0.01	0.0	0.0	0.21	0.01	0.0	0.0	0.29	0.0	0.0	
15	0.33	0.01	0.47	0.0	0.55	0.19	0.03	0.03	0.0	0.0	0.0	0.0	
16	0.0	0.02	0.0	0.0	0.0	0.13	0.0	0.23	0.0	0.0	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.01	1.34	0.0	0.01	0.03	0.04	0.0	0.05	
18	0.0	0.0	0.0	0.0	0.01	0.34	0.0	0.20	0.07	0.0	0.0	0.0	
19	0.0	0.0	0.43	0.0	0.01	0.48	0.01	0.01	0.0	0.0	0.0	0.02	
20	0.0	0.83	0.0	0.0	0.11	0.04	0.13	0.0	0.0	0.01	0.05	2.56	
21	0.0	0.0	0.0	0.0	0.0	0.08	0.06	0.41	0.0	0.06	0.0	0.01	
22	0.0	0.42	0.05	0.0	0.0	0.30	0.0	0.54	0.05	0.0	0.0	0.03	
23	0.27	0.0	0.21	0.0	0.0	0.02	0.05	0.12	0.0	0.01	0.0	0.0	
24	0.02	0.0	0.0	0.27	0.0	0.02	0.01	0.0	0.0	0.54	0.80	0.0	
25	0.20	0.0	0.45	0.0	0.0	0.01	0.0	0.72	0.0	0.0	0.01	0.0	
26	0.0	0.01	1.29	0.01	0.0	0.05	0.17	0.11	0.0	0.0	0.0	0.0	
27	0.0	0.84	0.0	0.02	0.0	0.0	0.02	0.02	0.16	0.0	0.0	0.0	
28	0.0	0.65	0.0	0.31	0.11	0.04	0.05	0.0	0.01	0.0	1.21	0.0	
29	0.0	0.10	1.01	0.0	0.0	0.20	1.18	0.61	0.0	0.0	0.10	0.0	
30	0.20	0.0	1.87	0.0	0.0	0.68	0.05	0.18	0.0	0.0	0.0	0.0	
31	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.03	0.0	0.05	0.0	0.12	
TOTAL	2.26	6.21	4.81	4.80	4.05	5.55	6.05	5.52	1.08	2.19	3.22	5.59	
STA AV	1.84	3.95	5.73	2.32	5.14	2.88	7.06	7.69	2.20	1.85	2.27	4.78	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 4 yr (1968-71) record period.



1972 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	1.32	0.02	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.0
2	0.34	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.03	1.38	0.0	0.0	0.14	0.0	0.0	0.02	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.89	0.0	0.12	0.0	0.0	0.0	0.60	0.0	0.01	0.0	0.0	0.12
6	0.0	0.0	0.0	0.0	0.0	0.05	0.03	0.0	0.0	0.0	0.05	2.21
7	0.0	0.56	0.0	0.0	0.0	0.06	0.01	0.23	0.0	0.0	0.05	0.0
8	0.0	0.0	0.32	0.11	0.50	0.01	0.01	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.01	0.08	0.0	0.0	0.0
10	1.16	0.0	0.0	0.0	0.0	0.46	0.0	0.0	0.0	0.0	0.05	0.0
11	0.12	0.0	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.01	0.0
12	0.14	0.52	0.0	0.0	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.13	0.0	0.02	0.0	0.21	0.0	0.0	0.0	0.0	0.0	0.80	0.05
14	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14	0.02	0.03
15	0.04	0.38	0.0	0.0	0.10	0.0	0.20	0.0	0.0	0.17	0.0	0.04
16	0.0	0.64	0.17	0.0	0.0	0.0	1.07	0.0	0.0	0.0	0.0	0.0
17	0.0	0.03	0.07	0.0	0.0	0.23	0.06	0.0	0.0	0.0	0.0	0.0
18	0.0	0.03	0.04	0.0	0.0	0.14	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.10	0.0	0.01	3.48	0.01	0.0	0.0	0.0	0.64	0.0
20	0.0	0.0	0.0	0.0	0.07	0.73	0.21	0.05	0.0	0.0	0.0	0.01
21	0.0	0.0	0.0	0.0	0.02	0.0	0.03	0.0	0.0	0.0	0.0	1.91
22	0.72	0.05	0.0	0.63	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.15
23	0.01	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	1.97	0.15	0.0	1.15	0.0	0.11
25	0.08	0.0	0.17	0.0	0.08	2.18	0.05	1.53	0.05	0.01	0.48	0.0
26	0.0	0.57	0.0	0.0	0.0	0.02	0.15	0.26	0.0	0.0	0.0	0.0
27	0.0	0.58	0.0	0.0	0.11	0.89	0.0	0.02	0.0	1.85	0.0	0.0
28	0.0	0.0	0.73	0.0	0.22	0.0	0.0	0.16	0.08	0.0	0.0	0.0
29	0.16	0.0	0.08	0.0	0.08	0.18	0.02	0.0	0.0	0.0	0.46	0.0
30	0.17	1.20	0.0	0.0	0.01	0.0	0.02	0.01	0.16	0.0	0.22	0.0
31	0.10	0.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.82
TOTAL	5.72	6.06	3.68	0.74	1.76	8.49	4.60	2.44	0.38	3.36	2.78	5.45
STA AV	2.61	4.37	5.32	2.01	4.46	4.00	6.57	6.64	1.84	2.15	2.37	4.91

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 5 yr (1968-72) record period.

1973 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.53	0.95	0.0	1.15	0.0	0.49	0.0	0.0	0.02	0.0	0.0	0.0
2	1.08	2.01	0.0	0.0	0.0	0.01	0.01	0.31	0.0	0.0	0.0	0.0
3	0.01	0.0	0.0	2.48	0.06	0.0	0.0	0.01	0.03	0.0	0.0	0.0
4	0.10	0.0	0.0	0.12	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.35
6	0.0	0.0	0.01	0.0	0.0	0.46	0.0	0.02	0.0	0.0	0.0	0.0
7	0.25	0.0	0.0	1.34	0.0	0.0	0.0	0.65	0.0	0.0	0.0	0.0
8	1.17	0.26	0.15	0.0	0.70	0.18	0.57	0.0	0.0	0.0	0.0	0.0
9	0.0	2.07	0.39	0.0	0.01	0.22	0.01	0.0	0.0	0.0	0.0	0.0
10	0.02	0.07	0.0	0.0	0.0	0.26	0.0	0.0	0.76	0.0	0.0	0.0
11	0.02	0.20	0.01	0.0	0.0	1.03	0.0	0.0	0.02	0.0	0.0	0.0
12	0.0	0.0	0.33	0.0	0.0	0.22	0.0	0.0	0.01	0.0	0.0	0.0
13	0.10	0.0	0.0	0.0	0.0	0.01	0.86	0.0	0.09	0.0	0.01	0.01
14	0.02	0.64	0.0	0.0	0.06	0.0	0.0	0.32	0.20	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.07	0.0	0.0	0.0	0.80
16	0.0	0.0	0.34	0.0	0.0	0.01	0.05	1.13	0.0	0.0	0.22	0.68
17	0.01	0.0	0.04	0.0	0.0	0.39	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.01	1.97	0.0	0.0	0.0	0.0	0.0
19	0.74	0.0	0.0	0.0	0.01	0.13	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.04	0.0	0.0	0.63	0.0	0.0	0.0	0.0	0.03	0.24
21	0.05	0.0	0.01	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.32	0.0
22	0.71	0.0	0.0	0.0	0.05	0.35	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.01	0.0
25	0.0	0.02	0.82	2.28	0.26	0.0	0.35	0.03	0.0	0.0	0.0	0.0
26	0.69	0.01	0.0	2.04	1.41	0.14	0.13	0.22	0.07	0.0	0.0	0.62
27	0.0	0.0	0.0	0.0	0.01	0.0	0.81	0.0	0.0	0.0	0.0	0.09
28	0.45	0.0	0.14	0.0	0.0	0.84	0.03	0.03	0.0	0.60	0.68	0.0
29	0.0	0.0	0.41	0.01	0.12	0.07	0.0	0.04	0.0	0.01	0.0	0.0
30	0.0	1.80	0.0	0.0	0.42	0.0	0.0	0.0	0.0	0.0	0.0	0.41
31	0.0	1.51	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.33	0.0	0.02
TOTAL	5.95	6.23	6.00	9.42	3.15	5.54	4.60	3.20	1.21	0.54	1.27	3.26
STA AV	3.17	4.68	5.43	3.24	4.24	4.26	6.28	6.07	1.73	1.95	2.19	4.64

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 6 yr (1968-73) record period.

1974	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED C							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	1.39	0.02	0.0	0.0	0.0	0.0	0.01	0.45	0.06	0.0	0.0	0.0	
2	0.0	0.07	0.0	1.12	0.0	1.40	0.27	0.0	0.0	0.0	0.0	0.0	
3	0.0	0.13	0.0	0.01	0.0	0.04	0.01	0.04	0.33	0.0	0.0	0.0	
4	0.0	0.0	0.0	1.66	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	
5	0.0	0.0	0.0	0.77	0.23	0.75	0.04	0.89	1.30	0.0	0.0	0.0	
6	0.0	0.89	0.0	0.0	0.0	0.01	0.0	0.03	2.47	0.0	0.12	0.0	
7	0.04	2.33	0.0	0.0	0.0	0.0	0.0	0.07	0.23	0.0	0.0	0.20	
8	0.03	0.97	0.0	0.76	0.0	0.43	0.04	0.0	0.79	0.0	0.02	0.0	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.01	0.0	
10	0.0	0.0	0.0	0.0	0.0	0.50	0.45	0.0	0.0	0.0	0.0	0.0	
11	0.94	0.0	0.0	0.0	2.04	0.0	0.0	0.03	0.0	0.0	0.05	0.0	
12	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0	0.0	0.0	0.02	
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.84	0.0	0.0	0.0	0.01	
14	0.01	0.0	0.0	0.73	0.0	1.10	0.0	0.05	0.05	0.0	0.0	0.0	
15	0.0	0.27	0.0	0.0	0.45	0.01	0.0	0.22	0.0	0.0	0.0	0.21	
16	0.0	1.10	0.08	0.0	0.05	0.0	0.0	0.53	0.05	0.59	0.0	0.0	
17	0.0	0.0	0.0	0.0	0.17	0.0	0.0	0.05	0.0	0.0	0.04	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.02	0.0	0.0	0.02	0.0	
19	0.0	0.01	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
20	0.37	0.0	0.01	0.0	0.0	0.81	0.76	0.0	0.0	0.0	0.50	1.21	
21	0.17	0.09	0.54	0.0	0.01	0.62	0.14	0.11	0.0	0.0	0.0	0.05	
22	0.01	0.31	0.0	0.01	0.0	0.04	0.0	0.01	0.0	0.0	0.0	0.0	
23	0.0	0.0	0.0	0.02	0.0	0.28	0.0	0.0	0.0	0.0	0.0	0.01	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.68	0.0	0.0	0.0	0.0	0.0	
25	0.0	0.0	1.31	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	
26	0.0	0.0	0.19	0.0	0.24	0.01	0.35	0.0	0.57	0.0	0.0	0.0	
27	0.0	0.0	0.47	0.0	0.0	0.05	0.31	1.39	0.05	0.0	0.0	0.0	
28	0.0	0.0	0.33	0.0	0.0	0.17	0.02	0.01	0.0	0.0	0.0	0.0	
29	0.52	0.34	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	
30	1.13	0.0	0.0	0.0	0.0	0.0	0.52	0.0	0.0	0.0	0.80	0.0	
31	0.02	0.0	0.0	0.0	0.11	0.0	0.02	0.0	0.0	0.0	0.0	0.0	
TOTAL	4.63	6.15	3.75	5.08	3.85	6.22	5.45	5.42	6.21	0.59	1.60	1.71	
STA AV	3.38	4.89	5.19	3.50	4.19	4.54	6.16	5.98	2.37	1.75	2.10	4.22	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 6 recording gages. STA AV are based on 7 yr (1966-74) record period.

1975	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED C							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	0.0	0.45	0.22	0.0	0.0	0.0	0.76	0.02	0.15	0.0	0.48	
2	0.0	0.08	0.0	0.05	0.0	0.03	0.0	0.02	0.02	0.02	0.0	0.01	
3	0.0	0.11	0.0	0.11	0.07	0.02	0.0	0.06	0.0	0.0	0.0	0.0	
4	0.34	0.0	0.0	0.0	0.01	0.0	0.0	0.48	0.0	0.24	0.0	0.0	
5	0.0	0.01	0.10	0.0	0.0	0.0	0.20	0.03	0.0	0.08	0.0	0.0	
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.74	0.18	0.07	0.0	
7	0.0	0.0	0.20	0.0	0.26	0.0	0.74	0.02	0.01	0.74	0.03	0.23	
8	1.37	0.0	0.0	0.0	0.0	0.0	0.19	0.26	0.0	0.17	0.07	0.0	
9	0.0	0.0	0.0	0.84	0.01	0.26	0.48	0.03	0.29	0.01	0.0	0.16	
10	0.0	0.0	0.0	3.48	0.0	0.19	0.0	0.01	0.0	0.0	0.09	0.0	
11	0.44	0.0	0.0	0.11	0.0	0.23	0.10	0.77	0.0	0.0	0.0	0.0	
12	2.19	0.13	0.0	0.0	0.0	0.05	0.38	0.0	0.0	0.0	0.66	0.0	
13	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.02	0.0	0.04	2.12	0.76	0.0	0.03	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.0	0.05	0.02	0.51	0.30	0.86	0.0	0.0	0.0	0.0	0.0	
16	0.0	0.60	2.33	0.0	0.68	0.01	0.0	0.0	0.0	0.0	0.0	0.22	
17	0.0	0.10	0.0	0.0	0.11	0.0	0.10	0.0	0.80	0.99	0.0	0.26	
18	0.0	0.0	1.89	0.0	0.0	0.0	0.04	0.0	0.70	0.0	0.0	0.0	
19	0.63	0.50	0.0	0.0	0.0	0.05	0.0	0.0	0.47	0.0	0.0	0.0	
20	0.57	0.0	0.0	0.65	0.0	0.0	0.0	0.0	0.05	0.0	0.0	0.0	
21	0.0	0.06	0.0	0.0	0.0	0.0	0.01	0.05	0.25	0.0	0.02	0.0	
22	0.25	0.21	0.10	0.01	0.0	0.0	0.08	0.0	0.22	0.0	0.0	0.0	
23	0.53	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.13	0.0	0.0	0.0	
24	0.01	0.54	1.38	0.02	0.0	0.0	0.01	0.03	0.0	0.0	0.0	0.0	
25	0.49	0.0	0.0	0.0	0.0	0.63	0.0	0.0	0.0	0.0	0.0	1.02	
26	0.01	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.02	0.19	
27	0.0	0.0	0.0	0.13	0.0	0.0	0.02	0.21	0.0	0.0	0.18	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.12	0.09	0.0	0.0	0.0	0.0	
29	0.01	0.0	0.0	2.11	0.06	0.04	0.05	0.29	0.18	0.0	0.0	0.33	
30	0.0	0.13	0.01	0.0	0.0	0.01	0.31	2.41	0.02	0.0	0.0	0.34	
31	0.0	0.0	0.0	0.12	0.0	0.0	0.02	0.16	0.0	0.0	0.0	0.80	
TOTAL	6.86	2.34	6.67	9.93	2.59	2.17	3.88	5.68	3.90	2.62	1.14	4.04	
STA AV	3.81	4.58	5.38	4.31	3.59	4.24	5.87	5.94	2.56	1.86	1.98	4.20	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 8 yr (1968-75) record period.

1968 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0.183
2	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.132
3	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	6.924
4	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	7.987
5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.669
6	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.437
7	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.065
8	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.458
9	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.664
10	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.250
11	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.170
12	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.083
13	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.088
14	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.658
15	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.538
16	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.771
17	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.451
18	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.363
19	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.321
20	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.327
21	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.239
22	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.276
23	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	6.349
24	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3.398
25	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	2.236
26	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.786
27	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	1.671
28	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	17.741
29	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	12.791
30	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3.881
31	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	46.420
MEAN												4.6272
INCHES												0.867
STA AV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.867

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 1 yr (1968) record period.

1969 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	34.71	3.03	7.63	5.56	0.00	0.60	0.0	6.11	3.09	4.09E	0.14	0.33
2	8.19	3.01	6.81	5.49	0.0	0.38	0.0	3.16	8.32	3.65E	0.16	0.29
3	6.70	3.13	5.49	5.05	0.0	0.19	0.0	1.90	4.24	3.28E	0.22	0.25
4	6.22	2.67	6.03	4.57	0.0	0.08	0.0	19.53	2.60	2.94E	0.18	0.24
5	5.34	2.28	4.86	4.28	0.0	0.06	0.0	27.13	1.63	2.61E	0.16E	0.20
6	4.98	2.34	23.31	4.28	0.0	0.16	0.0	5.45	1.11	2.30E	0.12E	0.24
7	4.98	2.84	65.40	3.75	0.0	0.05	0.0	2.97	0.74	2.01E	0.09E	2.12
8	4.79	4.59	15.77	3.02	0.0	0.0	0.0	1.81	0.55E	1.74E	0.06E	1.91
9	4.79	19.05	15.06	2.68	0.0	0.0	0.0	1.17	0.49E	1.49E	0.04E	2.53
10	5.36	6.19	10.04	2.38	0.0	0.0	0.0	1.43	0.42E	1.26E	0.05	10.24
11	4.76	3.95	7.12	2.33	0.0	0.97	0.0	8.05	0.42E	1.05E	0.07	7.61
12	4.24	3.55	6.39	2.38	0.0	1.43	0.0	3.30	0.36E	0.82E	0.11E	3.29
13	3.83	3.13	6.15	2.02	0.0	0.65	0.0	2.35	0.36E	0.57E	0.26E	2.05
14	2.76	2.75	5.45	1.57	0.0	0.29	0.0	38.94	0.30E	0.45	0.52	1.62
15	2.37	57.62	5.04	1.76	0.75	0.19	0.0	9.08	0.30E	0.36	0.45E	1.44
16	2.37	36.05	9.83	2.07	4.63	0.01	0.0	6.29	0.25E	0.36	0.49E	1.29
17	2.66	15.06	10.94	1.83	9.39	0.0	0.0	4.41	0.24	0.33	0.49E	1.11
18	2.91	9.23	134.99	7.05	7.58	0.0	0.0	2.62	0.12	0.23	0.56E	1.00
19	2.97	7.39	46.18	11.19	35.60	0.0	0.0	1.66	0.29	0.21	0.56E	1.00
20	4.09	6.44	19.57E	4.00	11.57	0.04	0.0	1.44	0.52	0.37	0.61E	0.95
21	3.90	5.89	10.52E	2.52	3.82	0.61	0.0	1.04	64.77	0.50	0.44	3.03
22	3.14	7.49	7.79E	1.86	2.26	0.19	4.61	1.56	53.66	0.49	0.35	9.23
23	3.02	11.34	7.18E	1.39	8.05	0.02	13.28	26.79	15.80	0.33	0.30	4.42
24	9.66	8.25	117.16E	0.93	36.01	0.0	8.25	5.12	8.30	0.20	0.30	2.81
25	19.79	6.33	28.76	0.60	8.46	0.0	2.56	5.09	5.86	0.16	0.30	5.49
26	6.51	5.37	12.01	0.38	3.68	0.0	1.26	2.24	4.68	0.16	0.28	14.04
27	4.38	4.82	8.67	0.24	2.74	0.0	0.65	1.18	4.56	0.17	0.30	5.32
28	3.73	4.48	7.77	0.13	2.49	0.0	7.16	0.71	4.55	0.18	0.39	3.30
29	3.57		7.30	0.11	1.80	0.0	11.05	0.51	4.55	0.13	0.46	2.65
30	3.54		6.66	0.07	1.31	0.0	3.26	0.64	4.44E	0.09	0.40	2.49
31	3.26		6.06		0.93		1.63	1.57		0.08		2.53
MEAN	5.920	8.865	20.381	2.850	4.551	0.197	1.734	6.426	6.584	1.052	0.295	3.065
INCHES	1.110	1.501	3.820	0.517	0.853	0.036	0.325	1.204	1.194	0.197	0.053	0.574
STA AV	1.110	1.501	3.820	0.517	0.853	0.036	0.325	1.204	1.194	0.197	0.053	0.721

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 2 yr (1968-69) record period.



1970 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	7.13	3.58	5.46	26.59	0.41	14.47	0.00	0.78	6.42	1.26	6.34	1.82
2	6.15	27.80	5.10	26.17	0.30	29.15	0.0	0.58	5.59	0.89	4.67	1.76
3	3.82	49.89	4.89	22.17	0.35	8.84	0.0 T	0.32	4.72	0.62	3.76	1.68
4	2.95	14.68	5.61	10.98	4.33	7.57	44.05	0.17	3.93	0.44	3.05	1.74
5	2.43	8.10	14.44	10.61	3.11	7.55	21.59	0.10	3.44	0.26	2.48	1.75
6	19.74	7.30	10.48	12.81	1.37	5.29	4.75	0.07	3.06	0.15	2.23	1.63
7	18.83	6.74	6.34	8.45	0.70	3.32	1.91	5.65	2.63	0.09	2.05	1.62
8	6.53	6.21	22.07	6.54	0.40	2.40	0.91	35.70	2.04	0.07	1.52	1.25
9	4.55	6.14	47.44	5.85	0.23	1.76	0.44	6.66	1.90	0.14	1.80	1.26
10	4.11	5.64	13.05	5.62	0.11	1.43	0.45	13.13	4.31	0.15	8.09	1.30
11	5.16	5.02	8.77	5.58	0.06	1.17	1.00	40.68	12.34	0.14	6.49	1.34
12	9.31	4.81	5.63	9.27	0.02	0.83	1.82	26.18	4.59	0.11	4.41	1.40
13	7.09	4.45	7.79	8.25	0.01	2.23	1.35	10.85	3.25	0.09	3.45	1.55
14	5.23	4.11	6.47	6.13	0.0 T	8.06	0.96	5.89	2.61	0.17	3.28	1.38
15	5.45	3.99	5.49	4.68	0.0	3.25	0.51	3.67	2.16	0.14	3.51	1.34
16	6.39	93.01	4.86	3.85	0.0	1.50	0.31	3.67	1.77	0.09	3.04	6.72
17	5.88	48.89	4.60	3.44	0.0	1.10	0.39	2.67	1.64	0.09	2.43	12.30
18	6.03	19.85	6.15	2.82	0.0	0.67	0.15	3.68	1.39	0.05	2.37	4.15
19	5.54	12.01	6.58	2.60	0.0	0.25	0.06	2.90	1.15	0.17	2.37	2.87
20	4.73	9.35	20.55	8.66	0.0	0.13	0.03	65.18	0.99	16.52	2.35	2.42
21	4.10	7.42	52.77	5.03	0.0	0.02	0.01	87.26	0.70	8.84	2.31	2.24
22	3.93	6.89	152.59E	2.88	0.0	0.01	0.12	14.26	0.48	3.85	2.53	2.25
23	3.98	6.99	31.88	2.00	0.0	0.01	0.52	15.79	0.38	2.27	2.57	2.29
24	4.44	6.62	14.79	1.48	0.0	0.01	1.98	90.40E	0.36	4.97	2.29	2.16
25	3.86	9.61	10.85	1.26	0.03	0.04	1.15	162.26	6.40	37.52	1.95	2.10
26	4.13	14.12	10.88	1.20	1.91	0.73	45.39	167.00	8.20	8.22	1.81	2.82
27	3.87	7.45	12.31	1.27	1.33	0.72	55.58	105.24	3.65	4.28	1.51	2.21
28	3.46	6.06	52.71	1.22	4.79	0.34	8.61	25.87	4.40	3.20	1.94	1.87
29	3.44		45.58	0.93	47.70	0.13	3.21	15.81	3.15	3.33	1.88	16.06
30	7.43		42.65	0.76	48.81	0.01	1.72	9.76	1.92	9.52	1.50	26.92
31	5.15		58.87		52.80		1.15	7.52		17.83		21.10
MEAN	5.662	14.521	23.921	6.965	5.444	3.464	6.485	30.244	3.320	4.047	3.119	4.301
INCHES	1.118	2.458	4.484	1.264	1.020	0.628	1.215	5.669	0.602	0.759	0.566	0.806
STA AV	1.114	1.980	4.152	0.890	0.937	0.332	0.770	3.437	0.898	0.478	0.310	0.749

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 3 yr (1968-70) record period.

1971 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	9.80	4.76	41.87	7.26	36.65	0.17	13.28	3.81	2.33	0.0	0.14	1.34
2	5.66	3.65	20.95	12.89	10.80	0.04	5.08	8.42	1.43	0.0	0.60	1.35
3	4.82	3.52	39.88	15.68	6.92	0.01	25.27	3.86	1.75	0.0	1.28	30.33
4	4.86	3.45	25.13	8.13	5.64	0.0	39.45	3.01	2.10	0.0	1.02	13.04
5	18.09	9.89	12.64	17.30	4.40	0.0	39.55	22.53	3.63	0.0	0.55	4.82
6	11.03	9.81	10.60	33.70	3.39	0.0	11.52	5.94	2.09	0.0	0.37	4.45
7	7.30	50.98	14.23	11.30	2.88	0.0	7.44E	3.49	1.19	0.0	0.27	4.38
8	6.60	73.50	9.86	8.61	15.24	0.0	7.74E	2.12	0.78	0.0	0.18	3.81
9	15.51	31.49	8.24	7.13	30.36	0.0	4.10E	1.46	0.52	0.0	0.16	3.18
10	9.69	13.17	8.32	6.39	8.84	0.0	3.10	1.65	0.34	0.33	0.18	2.93
11	7.95	10.79	9.64	5.53	5.50	1.17	15.78	2.66	0.25	0.17	0.16	3.11
12	7.66	10.60	8.10	4.87	20.25	1.35	8.71	2.21	0.21	0.08	0.14	4.84
13	6.69	25.07	15.06	4.29	71.52	0.44	5.11	1.44	0.13	0.05	0.12	3.88
14	6.10	12.25	25.89	3.67	12.27	0.35	3.36	1.02	0.06	0.06	0.11	3.17
15	9.30	9.42	17.53	3.19	26.64	0.36	2.41	0.67	0.04	0.15	0.11	2.78
16	9.45	8.50	26.30	3.10	31.05	0.44	2.14	0.49	0.04	0.11	0.12	2.62
17	6.14	7.89	10.19	2.80	10.04	7.72	1.57	0.53	0.03	0.11	0.12	2.59
18	5.47	7.37	7.79	2.45	6.41	20.34	1.08	0.56	0.04	0.12	0.12	2.38
19	5.08	7.00	15.29	2.14	4.91	14.65	0.73	0.93	0.02	0.08	0.11	1.89
20	4.11	18.51	13.73	2.00	4.24	5.89	0.53	0.56	0.01	0.11	0.13	40.60
21	4.17	31.91	7.41	1.80	4.44	3.29	0.66	2.13	0.00	0.19	0.08	53.70
22	4.49	20.56	6.58	1.58	3.43	4.65	0.78	2.92	0.0 T	0.19	0.05	12.89
23	5.10	22.28	10.99	1.51	2.59	7.56	0.67	4.35	0.00	0.08	0.07	7.91
24	9.29	9.76	8.30	4.17	1.96	2.48	0.56	2.28	0.00	0.46	0.73	6.66
25	8.28	8.31	6.15	3.11	1.48	1.21	0.41	1.30	0.0 T	0.35	0.79	6.37
26	10.28	8.01	51.19	1.73	1.29	0.65	0.43	4.74	0.0	0.25	0.61	6.24
27	5.74	35.50	27.68	1.24	0.57	0.38E	0.65	2.92	0.0	0.17	0.46	5.96
28	4.14	18.09	13.52	1.89	0.89	0.31E	0.55	1.68	0.01	0.11	0.66	5.66
29	3.83		12.22	6.85	0.85	0.31	2.46	2.42	0.00	0.09	7.05	5.37
30	4.97		12.56	105.17	0.58	5.29	14.81	7.01	0.0	0.12	2.82	5.19
31	6.84		8.65		0.35		3.75	5.57		0.14		5.70
MEAN	7.367	16.997	17.625	9.713	10.862	2.658	7.215	3.377	0.567	0.114	0.644	8.358
INCHES	1.381	2.877	3.303	1.762	2.036	0.482	1.352	0.633	0.103	0.021	0.117	1.567
STA AV	1.202	2.279	3.869	1.181	1.303	0.382	0.964	2.502	0.633	0.326	0.245	0.954

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 4 yr (1968-71) record period.



1972	MEAN DAILY DISCHARGE (cfs)					TIFTON, GEORGIA LITTLE RIVER WATERSHED 0						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	7.12	22.89	12.08	13.81	0.22	0.0	2.90	0.39	0.0	0.0	0.02	0.81
2	8.24	67.54	14.06	7.67	0.16	0.0	2.23	0.18	0.0	0.0	0.02	0.48
3	10.06	113.37	27.34	5.95	0.10	0.0	1.65	0.05	0.0	0.0	0.01	0.37
4	7.09	40.97	11.70	5.43	0.18	0.0	1.22	0.00	0.0	0.0	0.01	0.34
5	35.37	16.62	10.24	4.77	0.08	0.0	1.15	0.0	0.0	0.0	0.01	0.34
6	20.05	13.56	8.63	4.57	0.01	0.0	3.35	0.0	0.0	0.0	0.01	12.59
7	8.64	39.77	7.22	4.19	0.0 T	0.0	2.35	0.0	1.11	0.0	0.03	5.56
8	6.83	21.70	10.26	4.31	0.29	0.0	1.40	0.0	1.42	0.0	0.03	3.44
9	6.23	12.77	11.25	3.79	0.51	0.0	0.94	0.0	0.15	0.0	0.02	2.43
10	51.18	10.77	7.29	2.83	0.25	0.0	0.55	0.0	0.0	0.0	0.02	2.07
11	31.04	10.13	6.45	2.55	0.10	0.55	0.25	0.0	0.0	0.0	0.03	1.78
12	17.35	15.11	5.95	2.55E	0.06	0.00	0.06	0.0	0.0	0.0	0.03	1.68
13	38.00	32.66	5.69	2.32E	0.22	0.0	0.01	0.0	0.0	0.0	0.05	1.46
14	82.01	13.28	5.53	2.03	0.41	0.0	0.0	0.0	0.0	0.0	0.10	1.50
15	35.32	13.08	5.59	1.65	0.25	0.0	0.0	0.0	0.0	0.0	0.04	1.56
16	14.04	36.93	6.57	1.35	0.15	0.0	0.48	0.0	0.0	0.0	0.03	1.48
17	10.83	45.25	7.80	1.11	0.02	0.0	5.56	0.0	0.0	0.0	0.02	1.21
18	10.74	20.18	5.43	0.98	0.0	0.0	2.14	0.0	0.0	0.0	0.02	1.01
19	10.77	12.67	5.94	0.88	0.0	3.03	0.94	0.0	0.0	0.0	0.10	0.55
20	10.30	9.10	5.65	0.77	0.0	10.52	0.47	0.0	0.0	0.0	0.68	1.10
21	10.08	8.26	4.69	0.60	0.0	5.48	0.57	0.0	0.0	0.0	0.32	16.04
22	19.38	8.41	4.31	1.82	0.0	1.69	0.32	0.0	0.0	0.0	0.22	26.38
23	33.30	8.82	3.56	3.23	0.0	0.75	0.08	0.0	0.0	0.0	0.17	7.72
24	13.76	8.70	3.02	2.08	0.0	0.26	1.21	0.0	0.0	0.0	0.15	5.12
25	11.22	8.34	3.57	1.34	0.0	11.32	24.21	0.04	0.0	0.0	0.33	5.17
26	10.15	16.76	4.34	0.74	0.0	24.05	6.82	0.51	0.0	0.0	0.64	4.39
27	8.64	40.60	3.45	0.56	0.0	17.05	4.26	0.68	0.0	1.21	0.30	3.71
28	8.53	34.05	8.52	0.39	0.0	24.55	2.35	0.23	0.0	0.28	0.24	3.35
29	8.96	13.27	13.93	0.32	0.0	7.39	1.34	0.07	0.0	0.03	0.27	3.16
30	11.00	15.15	0.25	0.25	0.0	5.19	0.85	0.02	0.0	0.03	1.32	3.05
31	13.37		51.18		0.0		0.60	0.0 T		0.02		5.74
MEAN	18.370	24.668	9.572	2.832	0.096	3.736	2.271	0.070	0.089	0.051	0.175	4.221
INCHES	3.443	4.325	1.754	0.514	0.018	0.678	0.426	0.013	0.016	0.010	0.032	0.791
STA AV	1.763	2.790	3.350	1.014	0.582	0.456	0.830	1.880	0.479	0.247	0.192	0.521

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 5 yr (1968-72) record period.

1973	MEAN DAILY DISCHARGE (cfs)					TIFTON, GEORGIA LITTLE RIVER WATERSHED C						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	28.61	10.10	6.34	240.11E	7.15	5.65	2.06	0.47	0.02	0.0	0.0	0.0
2	60.42	265.40E	6.20	35.74	6.18	9.55	1.24	0.50	0.02	0.0	0.0	0.0
3	32.70	41.92	6.63	207.32E	5.84	3.46	1.02	0.62	0.00	0.0	0.0	0.01
4	14.49	20.60	6.28	130.18	5.53	1.79	0.89	0.60	0.0	0.0	0.0	0.04
5	12.58	14.09	5.99	30.55	4.32	1.11	0.83	0.46	0.0	0.0	0.0	0.10
6	9.99	12.28	5.90	17.53	3.62	1.37	0.90	0.33	0.0	0.0	0.0	0.08
7	10.65	11.26	5.89	60.24	3.55	3.17	0.73	0.69	0.0	0.0	0.0	0.09
8	56.09	10.97	5.94	76.16	7.34	2.61	0.40	2.06	0.0	0.0	0.0	0.09
9	42.33	91.73	10.02	20.76	15.84	5.31	1.05	1.09	0.0	0.0	0.0	0.09
10	15.60	171.33	13.94	11.85	6.71	3.43	0.95	0.46	0.0	0.0	0.0	0.11
11	13.04	41.49	8.44	9.13	4.08	22.23	0.72	0.21	0.0	0.0	0.0	0.08
12	10.84	24.62E	9.59	8.52	2.87	43.74	0.64	0.08	0.0	0.0	0.0	0.06
13	9.14	16.48E	10.79	7.82	2.17	13.46	2.17	0.02	0.0	0.0	0.0	0.08
14	8.29	24.34	7.01	7.01	1.69	6.12	4.38	0.28	0.0	0.0	0.0	0.09
15	8.23	60.16	5.52	6.53	1.48	3.87	2.19	2.21	0.00	0.0	0.0	0.16
16	7.58	19.04	4.86	6.06	1.18	2.78	1.08	5.43	0.21	0.0	0.0	1.33
17	7.19	12.32	7.93	5.77	0.95	2.28	0.75	8.83	1.02	0.0	0.0	0.62
18	7.24	10.99	5.55	5.44	0.72	3.69	1.47	2.51	0.66	0.0	0.0	0.44
19	25.10	10.25	3.86	5.08	0.61	3.11	27.19	2.44	0.20	0.0	0.0	0.33
20	21.23	9.43	3.53	4.62	0.62	6.58	5.81	0.86	0.02	0.0	0.0	0.41
21	9.97	8.82	4.14	3.96	0.57	10.58	2.36	0.43	0.0	0.0	0.0	1.53
22	32.70	8.47	3.69	3.38	0.53	5.77	1.20	0.21	0.0	0.0	0.0	1.80
23	18.62	7.98	3.14	3.16	0.47	8.56	0.66	0.11	0.0	0.0	0.0	1.82
24	9.84	7.37	2.78	2.94	0.29	3.98	0.44	0.02	0.0	0.0	0.0	1.94
25	7.90	7.07	14.75	21.49	0.30	2.17	0.41	0.0	0.0	0.0	0.0	1.95
26	13.53	7.83	14.86	228.02	4.07	1.59	1.64	0.01	0.0	0.0	0.0	2.13
27	29.74	7.96	6.20	82.19	15.84	1.45	2.04	0.11	0.0	0.0	0.0	2.55
28	23.20	7.03	6.48	23.45	5.72	2.56	4.77	0.05	0.0	0.0	0.0	1.87
29	21.44		15.82	11.77	3.21	12.51	2.38	0.04	0.0	0.0	0.0	1.48
30	10.54		38.94	8.60	6.49	4.45	1.38	0.01	0.0	0.0	0.0	1.35
31	9.12		102.13		5.12		0.72	0.00		0.0		1.14
MEAN	18.960	33.613	11.390	42.840	4.033	6.603	2.403	1.004	0.072	0.0	0.0	0.767
INCHES	3.554	5.691	2.135	7.771	0.756	1.234	0.450	0.188	0.013	0.0	0.0	0.144
STA AV	2.121	3.370	3.107	2.365	0.937	0.612	0.754	1.541	0.386	0.197	0.154	0.792

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 6 yr (1968-73) record period.

1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	6.02	3.57	6.43	5.52	0.37	0.0	0.33	4.08	0.39	4.48	0.09	2.08
2	3.91	3.04	6.22	22.47	0.33	0.74	0.52	4.44	0.25	4.32	0.47	1.32
3	1.86	3.58	5.48	27.56	0.37	8.65	0.98	2.83	0.30	3.56	1.74	0.88
4	1.30	3.43	5.30	11.17	0.29	3.03	0.63	1.84	0.41	1.59	0.45	0.66
5	1.16	2.37	4.56	170.87	0.23	1.62	0.47	13.40	2.24	0.67	1.52	0.54
6	1.16	2.57	5.15	26.25	0.63	7.28	0.38	7.70	85.40	0.54	1.31	0.50
7	1.01	65.27	4.70	12.02	0.77	2.52	0.25	6.18	40.53	0.31	0.42	0.61
8	0.65	143.53	4.55	12.14	0.48	2.53	0.14	3.62	29.07	0.18	0.17	0.89
9	0.72	26.38	4.86	30.29	0.26	2.53	0.02	1.59	36.64	0.17	0.16	0.77
10	0.71	12.28	4.79	11.58	0.11	1.66	0.0	0.59	21.79	0.26	0.15	0.57
11	3.89	9.96	4.69	7.83	0.34	2.72	0.0	0.64	14.66	0.18	0.13	0.54
12	5.63	8.90	4.75	6.70	50.17	1.66	0.0	0.45	8.53	0.13	0.14	0.53
13	2.35	8.82	4.37	6.40	12.86	0.85	0.0	2.40	5.46	0.12	0.11	0.55
14	1.53	8.92	3.84	7.10	6.92	1.67	0.0	4.18	4.72	0.12	0.09	0.52
15	1.26	8.43	3.33	22.76	5.73	7.11	0.0	1.51	4.13	0.09	0.11	0.65
16	1.14	58.27	2.87	10.68	6.65	3.06	0.0	6.53	3.71	0.33	0.10	0.59
17	1.08	29.25	2.79	6.52	5.75	1.63	0.0	17.63	3.61	0.34	0.11	0.84
18	1.00	11.30	2.31	4.89	3.74	0.54	0.0	6.08	3.13	0.57	0.23	1.07
19	0.59	9.28	2.41	3.95	2.40	0.64	0.0	2.67	2.54	0.48	0.20	1.07
20	1.02	7.98	6.90	3.21	1.47	0.56	0.0	1.55	2.18	0.24	0.44	4.10
21	3.83	6.94	10.55	2.70	1.24	4.54	0.59	1.11	1.93	0.18	0.52	6.32
22	2.81	13.97	9.79	2.80	0.87	7.57	0.61	1.62	1.65	0.11	0.46	3.20
23	1.85	12.06	5.42	2.50	0.67	4.15	0.41	4.25	1.33	0.09	0.63	1.96
24	1.48	7.36	4.72	2.14	0.52	4.43	0.15	2.01	1.06	0.08	0.44	1.50
25	1.32	6.66	36.11	1.53	0.34	2.14	2.47	1.02	0.99	0.11	0.35	1.37
26	1.22	5.80	26.73	1.18	0.30	1.20	4.20	0.45	1.43	0.08	0.43	1.42
27	1.11	6.14	12.90	1.05	0.58	1.02	3.26	0.53	5.74	0.06	0.20	1.14
28	1.05	6.40	22.75	0.82	0.47	1.41	3.07	5.63	4.27	0.07	0.16	1.10
29	1.12	27.69	0.63	0.27	0.56	1.60	2.85	3.06	0.12	0.16	1.13	
30	20.88	21.80	0.45	0.13	0.57	1.04	1.24	1.24	0.09	0.59	1.19	
31	7.70	7.47			0.02		9.11	0.68		0.09		1.16
MEAN	2.676	17.584	8.923	14.255	3.396	2.699	0.576	3.757	9.772	0.662	0.402	1.393
INCHES	0.502	2.977	1.672	2.586	0.637	0.490	0.183	0.704	1.772	0.124	0.073	0.261
STA AV	1.851	3.305	2.866	2.402	0.887	0.551	0.659	1.402	0.617	0.185	0.140	0.716

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 7 yr (1968-74) record period.

1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED C												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.06	6.91	5.74	11.16	17.53	0.80	0.0	2.03	2.12	0.56	0.19	1.11
2	0.94	6.72	16.66	11.55	11.98	1.05	0.0	3.21	0.93	0.58	0.16	1.65
3	0.81	8.67	7.54	10.47	9.83	0.89	0.0	2.04	0.45	0.76	0.15	1.05
4	1.39	9.25	5.60	7.68	8.27	0.33	0.0	1.38	0.20	0.56	0.18	0.73
5	2.10	7.95	6.65	6.15	6.41	0.08	0.0	1.93	0.06	0.52	0.17	0.61
6	1.95	7.93	6.33	5.29	5.58	0.01	0.0	1.04	0.05	1.31	0.12	0.56
7	1.51	6.78	5.52	4.85	6.26	0.0	0.02	0.88	0.26	1.56	0.17	0.59
8	9.64	5.57	7.56	4.55	8.07	0.0	0.14	1.51	0.50	6.63	0.19	0.57
9	12.63	5.43	5.25	5.63E	7.48	0.04	1.45	3.24	0.26	4.34	0.24	1.43
10	5.09	5.35	4.33	245.49E	5.68	0.19	0.66	1.37	0.25	2.44	0.25	1.26
11	8.16	6.27	4.28	89.65E	4.45	0.13	0.29	1.26	0.31	1.45	0.28	0.89
12	27.21	6.01	4.34	27.15	3.19	0.19	0.25	1.23	0.08	1.01	0.51	0.76
13	54.13	5.94	3.97	14.57	2.71	0.09	0.33	0.81	0.04	0.81	1.61	0.72
14	11.25	4.60	4.03	88.96	13.11	0.03	0.21	0.48	0.01	0.63	1.15	0.64
15	7.12	4.23	3.64	130.98	26.41	0.04	3.26	0.25	0.0	0.47	0.73	0.59
16	6.34	6.34	81.39	25.51	28.88	0.11	3.45	0.11	0.0	0.36	0.49	0.64
17	5.77	15.90	36.52	14.73	28.75	0.02	1.00	0.04	0.57	3.56	0.40	1.48
18	5.75	9.19	83.28	11.56	11.64	0.00	0.65	0.00	1.61	4.79	0.35	1.91
19	8.42	12.54	80.41	9.65	7.10	0.0	0.40	0.0	2.97	2.13	0.31	1.27
20	33.39	17.52	21.80	30.17	4.52	0.0	0.31	0.0	3.44	1.29	0.30	1.13
21	16.80	8.07	12.61	17.15	3.68	0.0	0.17	0.0	1.95	0.93	0.30	1.07
22	9.86	9.08	11.61	9.56	2.96	0.0	0.16	0.0	2.10	0.70	0.25	0.59
23	26.13	9.42	13.42	7.93	2.45	0.0	0.12	0.0	2.13	0.53	0.25	0.91
24	23.79	22.09	26.69	7.25	1.99	0.0	0.09	0.0	1.85	0.48	0.28	1.23
25	25.65	11.14	77.59	7.97E	1.40	1.31	0.03	0.0	1.17	0.52	0.29	1.55
26	26.69	6.66	16.99	7.69E	1.11	1.69	0.00	0.0	0.74	0.39	0.26	10.02
27	11.51	5.66	11.36	7.42E	0.93	0.54	0.0	0.0	0.53	0.35	0.43	4.84
28	9.30	5.23	10.17	6.72E	0.66	0.18	0.0 1	0.0	0.37	0.33	0.61	2.78
29	8.61		9.25	51.91	0.54	0.04	0.02	0.08	0.33	0.36	0.50	2.48
30	8.00		9.56	99.25	0.63	0.01	0.21	1.11	0.40	0.29	0.41	4.64
31	7.63		10.37		0.67		0.24	7.46		0.22		15.44
MEAN	12.212	8.443	19.495	32.628	7.586	0.259	0.435	1.015	0.855	1.357	0.386	2.140
INCHES	2.285	1.429	3.654	5.918	1.422	0.047	0.082	0.190	0.155	0.254	0.070	0.401
STA AV	1.914	3.037	2.980	2.904	0.963	0.513	0.576	1.229	0.551	0.195	0.130	0.676

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00604717. STA AV based on 8 yr (1968-75) record period.

1969 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE FIVER WATERSHED O						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
									Acc. (inches)
EVENT OF MARCH 23 - 26, 1969									
RG 000008			RG 000008						
3-24	0.0		3-24	24	0.0	0.0	3-23	2400	7.150
3-23		0.090		105	0.1463	0.10	3-24	215	8.240
				145	0.1500	0.20		300	10.021
				210	0.2400	0.30		400	26.055
				220	0.6000	0.40		440	54.000
				230	0.6000	0.50		500	71.700
				240	1.2000	0.70		550	134.596
				245	3.6000	1.00		600	155.457
				250	1.2000	1.10		625	180.343
				305	0.4000	1.20		700	217.869
				335	0.2000	1.30		725	230.501
								735	236.846
								750	243.212
								800	249.600
								810	251.735
								825	251.735
								835	253.872
								910	253.872
								930	247.468
								945	245.339
								1010	234.729
								1015	234.729
								1045	222.071
								1105	217.869
								1155	196.967
								1220	150.725
								1225	150.725
								1300	176.155
								1325	172.049
								1350	165.830
								1410	163.757
								1430	157.534
								1435	157.534
								1500	147.139
								1515	147.139
								1520	142.965
								1540	138.769
								1555	130.367
								1610	128.277
								1620	124.040
								1630	115.492
								1635	115.492
								1715	97.953
								1725	95.702
								1740	86.512
								1745	88.841
								1750	81.784
								1820	79.860
								1910	73.557
								2015	68.031
								2050	64.426
								2125	62.647
								2250	56.265
								2335	53.438
								2400	52.321
							3-25	105	49.014
								225	45.244
								325	43.133
								430	40.028
								555	36.957
								720	34.042
								850	31.638
								940	25.289
								1110	26.956
								1225	25.203
								1345	23.842
								1435	22.428
								1555	21.057
								1720	20.167
								1815	18.867

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.



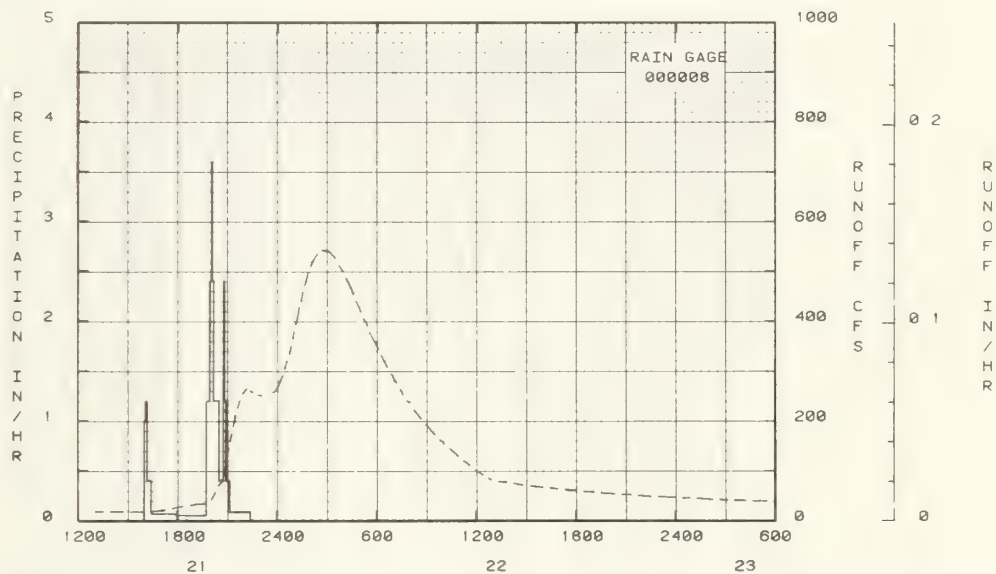


1970			TIFTON, GEORGIA LITTLE RIVER WATERSHED C								
SELECTED RUNCFF EVENT											
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT CP MARCH 21 - 23, 1970											
RG 000008			EG 000008								
3-21	0.90	0.204	3-21	1555	0.0	0.0	3-21	1305	18.867	0.0	
				1605	1.0000	0.10		1445	18.025	0.0061	
				1610	1.2000	0.20		1600	17.201	0.0072	
				1625	0.4000	0.30		1715	22.428	0.0077	
				1755	0.0667	0.40		1820	29.289	0.0089	
WATERSHED CONDITIONS:				1945	0.0545	0.50		1905	33.074	0.0148	
Residential, 1.6%; crops,				1955	1.2000	0.70		1945	34.529	0.0155	
29.6%; pasture, 31.7%;				2000	2.4000	0.50		2005	43.133	0.0163	
water, 2.9%; roads, 1.3%;				2005	3.6000	1.20		2030	71.700	0.0178	
forest, 32.9%.				2010	2.4000	1.40		2045	61.141	0.0226	
				2015	1.2000	1.50		2050	93.434	0.0244	
				2030	1.2000	1.60		2105	145.055	0.0319	
				2045	0.4000	1.90		2130	211.581	0.0403	
				2050	2.4000	2.10		2145	241.088	0.0545	
				2055	1.2000	2.20		2200	258.153	0.0702	
				2110	0.4000	2.30		2210	264.554	0.0757	
				2225	0.0600	2.40		2225	260.258	0.0868	
								2230	256.011	0.0922	
								2250	251.735	0.0975	
								2305	249.600	0.1028	
								2320	245.600	0.1185	
								2325	247.468	0.1237	
								2350	258.153	0.1502	
								2400	266.748	0.1613	
							3-22	5	271.062	0.1669	
								20	290.614	0.1846	
								45	334.919	0.2174	
								110	359.052	0.2257	
								120	427.305	0.2430	
								150	455.052	0.2634	
								210	522.362	0.3061	
								225	534.858	0.3394	
								240	542.467	0.3733	
								255	539.938	0.3847	
								300	542.467	0.3960	
								330	524.862	0.4632	
								415	477.877	0.5580	
								435	453.617	0.5675	
								450	432.062	0.5554	
								525	369.736	0.6120	
								545	364.385	0.6437	
								605	343.928	0.6734	
								625	319.273	0.7013	
								700	286.249	0.7458	
								710	275.385	0.7576	
								730	258.153	0.7800	
								735	251.735	0.7853	
								755	236.846	0.7954	
								800	234.729	0.8004	
								820	217.869	0.8194	
								840	203.220	0.8281	
								905	188.647	0.8402	
								930	172.049	0.8439	
								950	161.683	0.8575	
								1005	153.360	0.8612	
								1045	134.595	0.8853	
								1055	128.277	0.8905	
								1205	57.953	0.9241	
								1225	91.147	0.9280	
								1245	84.159	0.9298	
								1255	81.141	0.9316	
								1350	76.058	0.9348	
								1450	71.084	0.9378	
								1600	66.221	0.9392	
								1735	61.470	0.9405	
								1905	56.856	0.9417	
								1955	54.563	0.9428	
								2120	51.765	0.9450	
								2205	49.560	0.9461	
								2320	47.386	0.9471	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.

1970 SELECTED FURCFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED 0						
ANTECEDENT CONDITIONS			RAINFALL			FURCFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs) (inches)
EVENT OF MARCH 21 - 23, 1970 (CONTINUED)									
				3-22			2400	46.311	0.9510
				3-23			130	44.165	0.9566
							215	42.611	0.9575
							340	41.055	0.9601
							415	40.028	0.9609
							530	39.009	0.9642
							610	37.999	0.9650
							725	36.997	0.9681
							845	35.016	0.9688
							1015	33.556	0.9752
							1115	32.114	0.9759
							1230	30.652	0.9766
							1405	29.289	0.9821
							1505	27.907	0.9827
							1625	26.996	0.9856
							1650	26.095	0.9861
							1820	25.203	0.9888
							1945	23.842	0.9938
							2045	22.426	0.9943
							2205	21.509	0.9961
							2315	19.729	0.9965
							2400	15.295	0.9981

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251565.



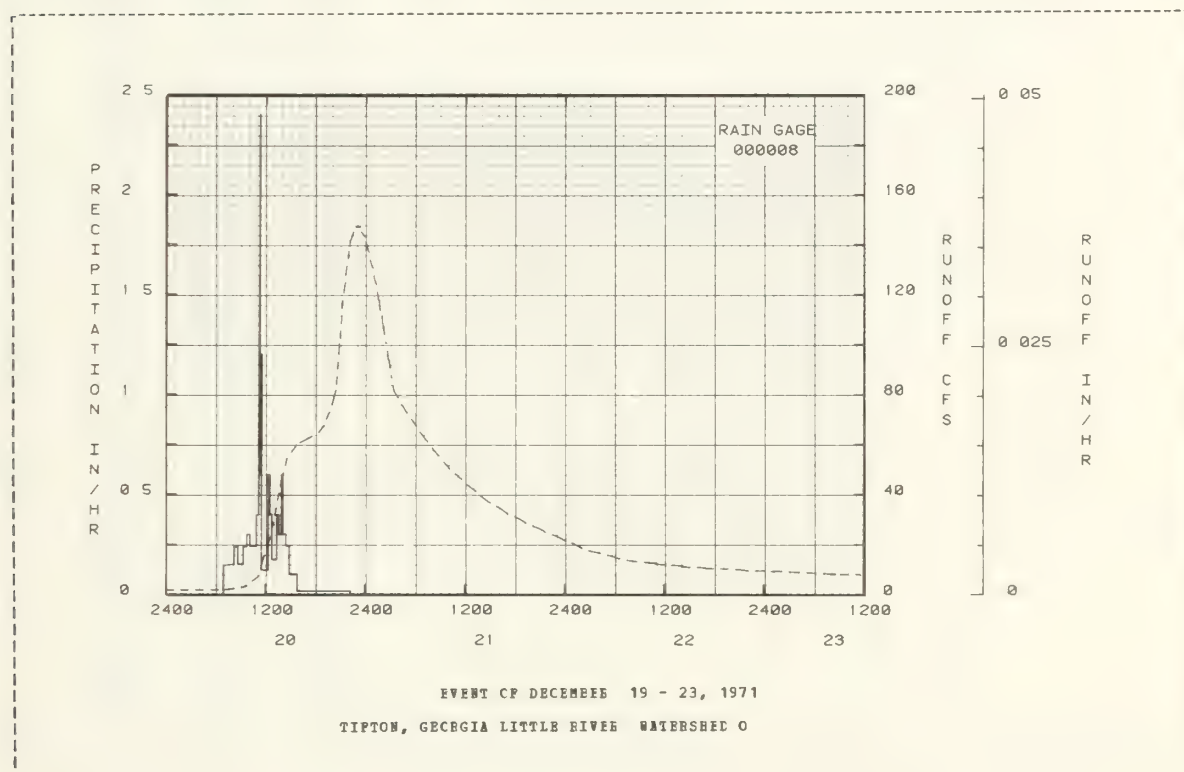
EVENT OF MARCH 21 - 23, 1970  
TIPTON, GEORGIA LITTLE RIVER WATERSHED 0

1971	SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED C						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF DECEMBER 19 - 23, 1971										
RG 000008			RG 000008							
12-20	0.0		12-20	654	0.0	0.0	12-19	2400	1.804	0.0
12-19		0.026		735	0.1463	0.10	12-20	720	1.939	0.0035
				815	0.1500	0.20		925	3.021	0.0036
				840	0.2400	0.30		945	3.373	0.0036
				920	0.1500	0.40		1110	7.415	0.0056
WATERSHED CONDITIONS: Residential 1.6%; crops, 29.6%; pasture, 31.7%; water, 2.9%; roads, 1.3%; forest, 32.9%.				945	0.2400	0.50		1150	15.612	0.0067
				1005	0.3000	0.60		1235	22.855	0.0053
				1030	0.2400	0.70		1355	45.777	0.0208
				1055	0.2400	0.80		1435	54.564	0.0263
				1110	0.4000	0.90		1540	55.719	0.0288
				1115	2.4000	1.10		1610	60.885	0.0313
				1125	0.6000	1.20		1735	63.238	0.0379
				1130	1.1599	1.30		1825	65.022	0.0433
				1220	0.1200	1.40		1855	67.426	0.0462
				1230	0.6000	1.50		1940	72.537	0.0594
				1245	0.4000	1.60		2005	77.318	0.0626
				1320	0.1714	1.70		2025	81.760	0.0693
				1335	0.4000	1.80		2030	84.159	0.0711
				1355	0.3000	1.90		2050	100.189	0.0788
				1405	0.6000	2.00		2055	102.409	0.0809
				1425	0.3000	2.10		2115	117.641	0.0902
				1450	0.2400	2.20		2125	121.912	0.0952
				1550	0.1000	2.30		2135	128.275	0.1005
				2215	0.0156	2.40		2205	140.882	0.1174
								2230	145.055	0.1235
								2245	147.141	0.1296
								2320	147.141	0.1512
								2325	145.055	0.1543
								2350	142.969	0.1694
								2400	140.882	0.1754
							12-21	20	136.654	0.1811
								35	132.453	0.1896
								50	130.388	0.1979
								100	126.161	0.2033
								115	124.041	0.2112
								130	117.641	0.2188
								135	117.641	0.2212
								145	113.337	0.2261
								155	111.173	0.2308
								205	106.814	0.2354
								210	106.814	0.2376
								225	100.189	0.2441
								230	100.189	0.2462
								245	93.435	0.2523
								250	93.435	0.2543
								305	86.514	0.2600
								310	86.514	0.2618
								325	81.141	0.2671
								500	72.317	0.2748
								640	64.426	0.2775
								730	60.885	0.2788
								815	57.409	0.2800
								935	52.321	0.2833
								1010	50.109	0.2876
								1135	45.777	0.2905
								1215	43.658	0.2914
								1320	41.055	0.2923
								1355	39.005	0.2948
								1500	36.499	0.2956
								1620	34.042	0.2963
								1710	32.114	0.2969
								1825	30.222	0.2976
								1925	28.365	0.2982
								2100	26.095	0.2987
								2145	24.760	0.2992
								2310	22.895	0.3022
								2400	21.509	0.3044
							12-22	105	20.167	0.3074
								205	18.443	0.3078
								305	17.201	0.3082

NOTES: To convert runoff in CFS to I#/HR, multiply by 0.000251965.

1971 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED C						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF DECEMBER 19 - 23, 1971 (CONTINUED)									
				12-22			420	16.397	0.3092
							540	15.227	0.3102
							640	14.055	0.3105
							750	13.372	0.3111
							955	12.663	0.3159
				1100			12.316	0.3167	
				1105			11.974	0.3190	
				1255			11.636	0.3244	
				1405			11.304	0.3273	
				1410			10.976	0.3275	
				1655			10.653	0.3350	
				1700			10.354	0.3352	
				2050			10.021	0.3451	
				2205			9.408	0.3453	
				2400			9.408	0.3492	
				12-23			210	5.109	0.3543
							420	8.815	0.3586
							525	8.525	0.3588
							840	8.240	0.3656
							920	7.961	0.3660
				1135			7.961	0.3705	
				1140			7.665	0.3706	
				1725			7.415	0.3816	
				1735			7.150	0.3819	
				2140			7.150	0.3893	
				2255			6.889	0.3894	
				2400			7.150	0.3896	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.



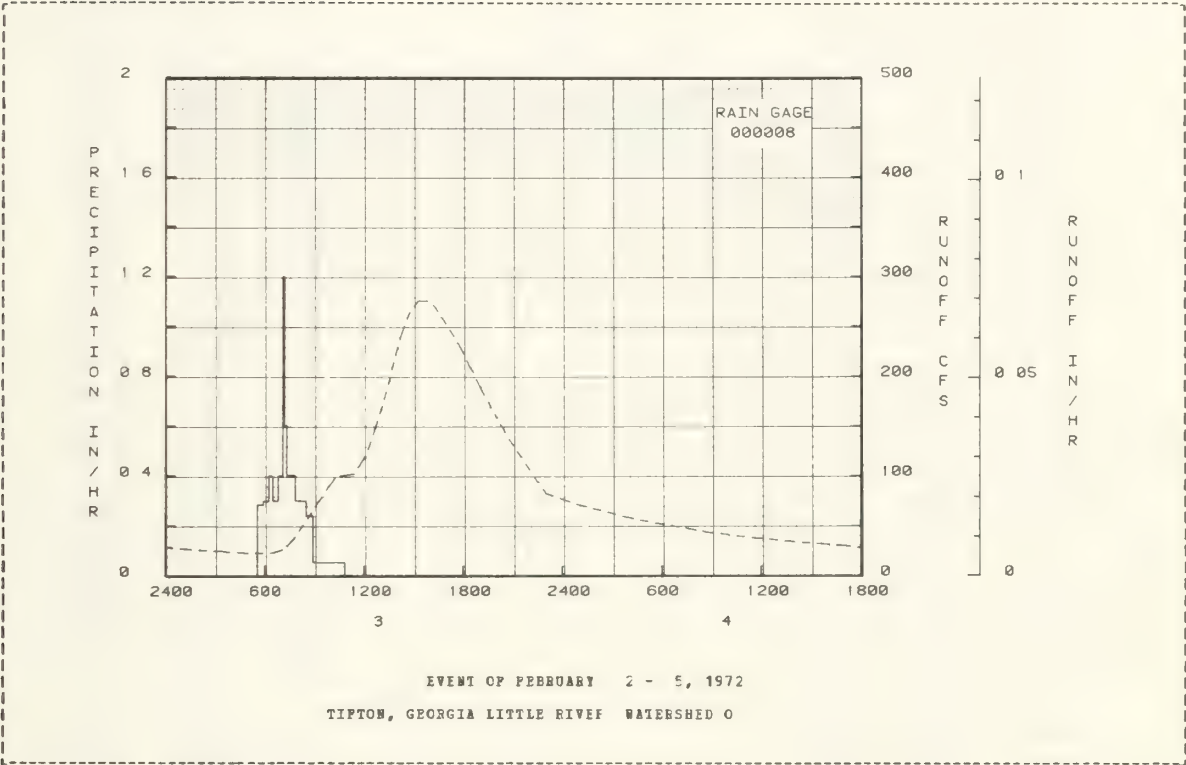


1972 SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED C							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 2 - 5, 1972										
RG 000008			RG 000008							
2- 3	0.0		2- 3	534	0.0	0.0	2- 2	2400	28.365	0.0
2- 2		0.410		555	0.2857	0.10	2- 3	135	26.055	0.0011
				615	0.3000	0.20		320	24.323	0.0052
				630	0.4000	0.30		355	23.366	0.0057
				650	0.3000	0.40		500	22.428	0.0067
WATERSHED CONDITIONS:				705	0.4000	0.50		625	22.855	0.0148
Residential, 1.6%; crops,				710	1.2000	0.60		705	26.545	0.0185
29.6%; pasture, 31.7%;				720	0.6000	0.70		720	25.754	0.0207
water, 2.9%; roads, 1.3%;				735	0.4000	0.80		750	38.563	0.0250
forest, 32.9%.				750	0.4000	0.90		915	74.181	0.0260
				810	0.3000	1.00		930	79.222	0.0328
				830	0.3000	1.10		950	88.841	0.0395
				855	0.2400	1.20		1015	57.952	0.0497
				1050	0.0522	1.30		1035	100.189	0.0535
								1125	102.405	0.0751
								1205	119.760	0.0938
								1225	134.557	0.1045
								1250	155.457	0.1197
								1320	184.453	0.1344
								1355	222.073	0.1479
								1415	243.212	0.1626
								1445	264.594	0.1736
								1515	275.386	0.2076
								1550	275.386	0.2481
								1610	271.062	0.2652
								1740	232.612	0.3604
								1800	222.073	0.3658
								1820	209.487	0.3742
								1835	203.219	0.3872
								1855	150.725	0.3913
								1915	180.342	0.3990
								1930	174.121	0.4102
								1940	167.903	0.4173
								1955	161.663	0.4277
								2000	157.532	0.4311
								2025	147.141	0.4471
								2030	142.969	0.4501
								2230	53.435	0.5097
								2235	53.435	0.5116
								2300	81.780	0.5208
								2325	79.860	0.5225
							2- 4	2400	76.059	0.5257
								125	68.638	0.5272
								245	63.238	0.5298
								350	58.560	0.5336
								540	52.320	0.5369
								735	46.848	0.5379
								840	43.658	0.5388
								1005	40.540	0.5356
								1135	37.497	0.5404
								1300	35.510	0.5415
								1400	33.556	0.5426
								1540	31.638	0.5480
								1655	29.754	0.5486
								1850	27.907	0.5533
								2030	26.055	0.5550
								2120	24.760	0.5555
								2235	23.366	0.5560
								2400	21.966	0.5565
							2- 5	120	21.057	0.5578
								235	19.728	0.5582
								425	18.867	0.5606
								430	18.443	0.5610
								555	18.025	0.5675
								655	17.201	0.5679
								925	16.797	0.5786
								1050	16.002	0.5785
								1515	15.612	0.5965
								1525	15.227	0.5972
								1710	15.227	0.6039

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.

1972 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED C							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 2 - 5, 1972 (CONTINUED)										
							2- 5	1715	14.846	0.6042
								2325	14.470	0.6270
								2400	14.099	0.6287

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.



1973 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 8 - 11, 1973										
RG 000008			RG 000008							
2- 8	0.0	0.035	2- 8	1854	0.0	0.0	2- 8	1300	10.334	0.0
				1915	0.2857	0.10		1410	10.334	0.0004
				1935	0.3000	0.20		1545	10.334	0.0037
			2- 9	344	0.0	0.20		1700	10.653	0.0035
				405	0.2857	0.30		1755	10.334	0.0041
WATERSHED CONDITIONS: Residential, 1.6%; crops, 29.6%; pasture, 31.7%; water, 2.9%; roads, 1.3%; forest, 32.9%.				425	0.3000	0.40		1805	10.653	0.0046
				450	0.2400	0.50		1925	10.975	0.0082
				515	0.2400	0.60		2045	11.636	0.0106
				640	0.0706	0.70		2115	12.316	0.0111
				1030	0.0261	0.80		2230	13.372	0.0117
				1055	0.2400	0.90		2400	14.055	0.0131
				1230	0.0632	1.00	2- 9	110	14.059	0.0161
				1345	0.0800	1.10		150	14.470	0.0167
				1400	0.4000	1.20		340	14.846	0.0235
				1545	0.0571	1.30		435	16.397	0.0241
				1625	0.1500	1.40		630	26.055	0.0344
				1650	0.2400	1.50		745	32.114	0.0407
				1710	0.3000	1.60		840	34.525	0.0414
				1735	0.2400	1.70		1015	35.016	0.0531
				1810	0.1714	1.80		1045	36.003	0.0561
				1830	0.3000	1.90		1230	43.133	0.0579
				1845	0.4000	2.00		1325	49.014	0.0685
				1905	0.3000	2.10		1350	53.438	0.0697
				2010	0.0923	2.20		1435	63.831	0.0784
				2125	0.0800	2.30		1515	69.858	0.0759
				2200	0.1714	2.40		1605	77.318	0.0831
				2400	0.0500	2.50		1655	91.147	0.1008
								1700	97.952	0.1028
								1720	106.814	0.1114
								1725	113.337	0.1137
								1735	117.641	0.1185
								1750	128.275	0.1263
								1755	128.275	0.1290
								1820	147.141	0.1434
								1855	176.156	0.1672
								1905	186.572	0.1748
								1930	205.309	0.1954
								1935	207.397	0.1997
								1950	217.870	0.2131
								2005	224.176	0.2270
								2015	230.501	0.2366
								2130	260.258	0.3138
								2140	262.444	0.3246
								2205	277.553	0.3363
								2215	284.071	0.3422
								2220	284.071	0.3482
								2235	294.990	0.3664
								2240	297.181	0.3727
								2245	303.778	0.3790
								2305	314.832	0.4049
								2325	330.436	0.4320
								2340	337.168	0.4531
								2350	343.930	0.4674
								2355	343.930	0.4746
								2400	348.455	0.4818
							2-10	20	357.538	0.4968
								30	359.815	0.5118
								40	364.385	0.5270
								100	368.966	0.5425
								115	371.260	0.5658
								120	373.556	0.5736
								135	368.966	0.5970
								140	371.260	0.6047
								145	368.966	0.6125
								150	371.260	0.6203
								155	368.966	0.6281
								205	371.260	0.6436
								245	359.815	0.6664
								250	359.815	0.6740
								255	355.262	0.6815

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.

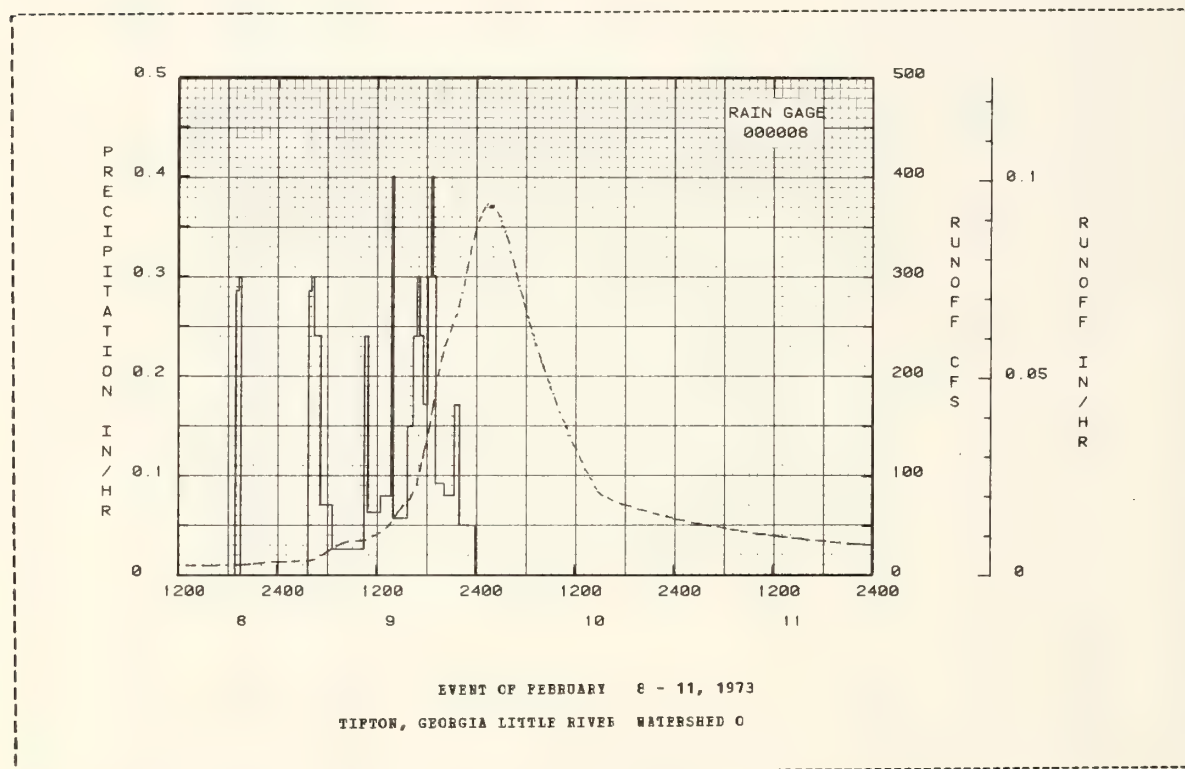
1973			SELECTED SUNCFF EVENT			TIPICN, GEORGIA LITTLE FIVER			WATERSHED C		
ANTECEDENT CONDITIONS			RAINFALL			SUNCFF					
Date	Rainfall	Funcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 8 - 11, 1973 (CONTINUED)											
								2-10	305	355.262	0.6964
									310	350.719	0.7038
									320	348.455	0.7185
									325	343.930	0.7257
									330	346.188	0.7330
									335	341.670	0.7402
									355	332.677	0.7665
									405	323.730	0.7823
									410	323.730	0.7891
									440	308.150	0.8289
									445	303.778	0.8353
									505	294.950	0.8605
									510	290.613	0.8666
									515	290.613	0.8727
									520	286.248	0.8788
									540	277.553	0.9024
									545	273.221	0.9082
									605	264.555	0.9308
									610	260.258	0.9363
									620	258.154	0.9472
									625	253.872	0.9526
									640	247.465	0.9683
									645	243.212	0.9735
									655	241.088	0.9837
									700	236.846	0.9887
									705	236.846	0.9937
									710	232.612	0.9986
									720	230.501	1.0083
									750	217.870	1.0365
									755	213.674	1.0411
									805	211.581	1.0500
									845	194.885	1.0841
									855	192.806	1.0923
									900	188.648	1.0963
									910	186.572	1.1042
									920	182.419	1.1119
									925	182.419	1.1157
									930	178.269	1.1195
									1010	163.758	1.1482
									1015	163.758	1.1517
									1035	155.457	1.1651
									1045	153.381	1.1716
									1055	149.221	1.1779
									1105	147.141	1.1841
									1120	140.882	1.1932
									1125	140.882	1.1962
									1150	130.388	1.2104
									1215	126.161	1.2184
									1245	115.451	1.2336
									1255	113.337	1.2384
									1315	106.814	1.2477
									1335	102.409	1.2520
									1350	97.952	1.2583
									1405	95.702	1.2644
									1425	88.841	1.2722
									1440	86.514	1.2777
									1445	84.159	1.2795
									1525	79.860	1.2829
									1600	77.952	1.2894
									1635	74.804	1.2926
									1755	71.084	1.2956
									1850	69.247	1.2985
									1935	66.822	1.2999
									2040	64.426	1.3054
									2130	62.648	1.3120
									2210	60.885	1.3133
									2300	59.139	1.3158
									2350	57.964	1.3231
									2400	56.836	1.3255
								2-11	120	55.129	1.3336
									225	52.879	1.3359
									325	51.765	1.3446
									345	50.658	1.3457
									430	49.560	1.3467
									520	49.014	1.3540

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.



1973	SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED C						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 8 - 11, 1973 (CONTINUED)										
							2-11	620	47.386	1.3600
								655	46.311	1.3605
								750	45.777	1.3716
								810	44.713	1.3725
								855	43.658	1.3734
								940	42.611	1.3743
								1105	41.572	1.3831
								1130	40.540	1.3840
								1240	39.518	1.3865
								1245	39.005	1.3873
								1345	38.503	1.3970
								1425	37.497	1.3978
								1530	36.997	1.4064
								1535	36.459	1.4072
								1625	36.003	1.4148
								1715	35.018	1.4155
								1825	34.525	1.4243
								1900	33.556	1.4250
								2015	33.074	1.4355
								2105	32.114	1.4362
								2245	31.638	1.4496
								2250	31.163	1.4502
								2400	30.692	1.4593

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.

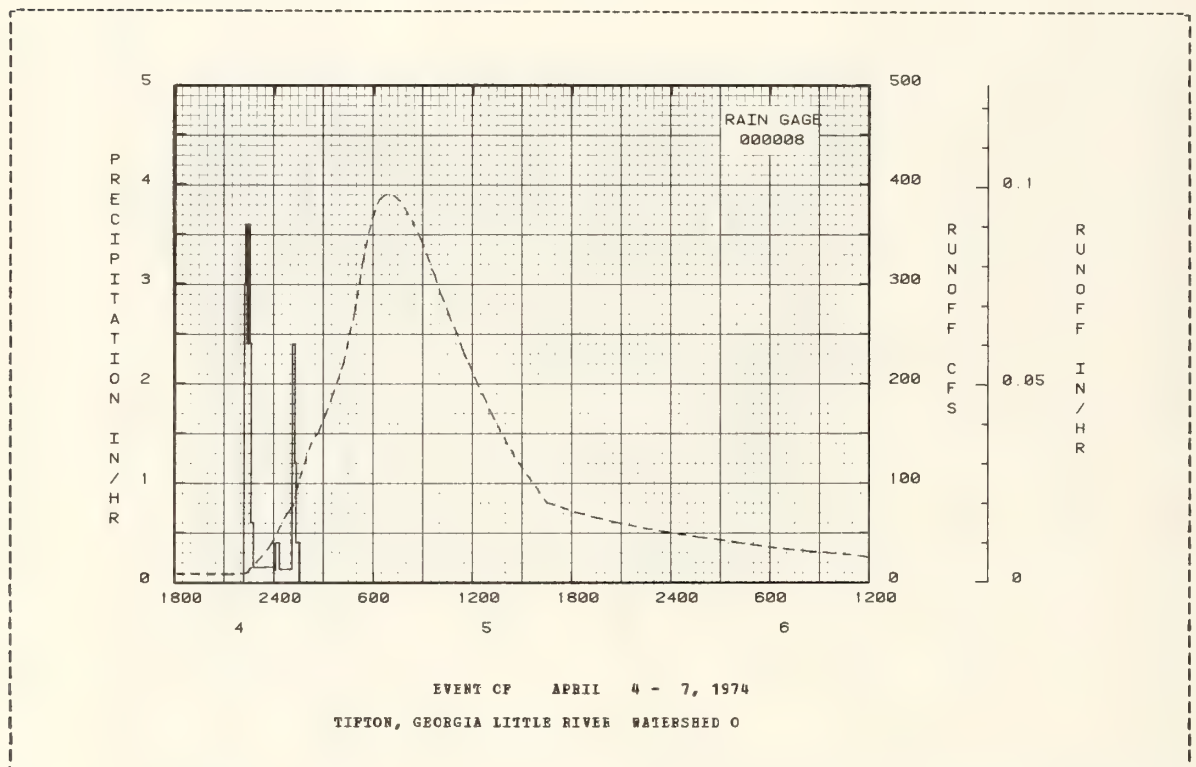


1970			TIFTON, GEORGIA LITTLE RIVER WATERSHED C									
SELECTED RUNCFF EVENT												
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF					
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT CP APRIL 4 - 7, 1974												
EG 000008			EG 000008									
4- 4	0.0	0.215	4- 4	2211	0.0	0.0	4- 4	1810	8.815	0.0		
				2215	3.0000	0.20		2110	8.240	0.0044		
				2220	3.6000	0.50		2220	9.408	0.0048		
				2225	2.4000	0.70		2300	21.505	0.0052		
				2230	3.6000	1.00		2345	36.455	0.0074		
WATERSHED CONDITIONS: Residential, 1.6%; crops, 29.6%; pasture, 31.7%; water, 2.9%; roads, 1.3%; forest, 32.9%.				2235	2.4000	1.20		2400	44.185	0.0099		
				2245	0.6000	1.30	4- 5	45	68.658	0.0127		
				2325	0.1500	1.40		110	77.952	0.0204		
				2400	0.1543	1.45		120	68.841	0.0239		
			4- 5	5	0.1200	1.50		125	57.952	0.0258		
				20	0.4000	1.60		215	140.882	0.0505		
				105	0.1333	1.70		240	151.300	0.0662		
				110	2.4000	1.90		305	167.903	0.0732		
				115	2.4000	2.10		330	186.572	0.0918		
				120	1.2001	2.20		410	219.969	0.1259		
			135	0.4000	2.30		450	271.062	0.1671			
							520	321.500	0.2045			
							535	343.925	0.2166			
							555	366.672	0.2411			
							620	385.055	0.2650			
							645	389.737	0.2813			
							715	387.417	0.3302			
							735	382.762	0.3544			
							820	362.100	0.4248			
							825	357.538	0.4323			
							840	350.719	0.4546			
							900	337.167	0.4617			
							920	321.500	0.4685			
							940	308.189	0.4750			
							1000	290.613	0.5002			
							1015	281.856	0.5061			
							1040	262.444	0.5173			
							1105	247.465	0.5225			
							1120	234.729	0.5377			
							1135	224.176	0.5425			
							1145	215.969	0.5518			
							1210	203.219	0.5561			
							1235	188.648	0.5601			
							1250	180.342	0.5677			
							1305	169.577	0.5788			
							1335	155.457	0.5993			
							1340	151.300	0.6025			
							1355	145.055	0.6118			
							1405	138.788	0.6178			
							1425	130.366	0.6251			
							1430	126.161	0.6318			
							1630	79.860	0.6837			
							1820	69.858	0.6896			
							1925	65.022	0.6910			
							2035	60.301	0.6948			
							2225	54.000	0.6982			
							2400	45.560	0.6993			
							4- 6	145	45.244	0.7012		
								250	43.133	0.7067		
								425	35.005	0.7075		
								530	36.455	0.7083		
								700	33.556	0.7090		
								820	31.163	0.7096		
								1000	26.826	0.7102		
								1140	26.055	0.7113		
								1320	24.323	0.7150		
								1445	22.428	0.7159		
								1630	21.057	0.7172		
								1740	19.728	0.7177		
								1910	18.867	0.7196		
								1915	18.443	0.7200		
								2115	17.611	0.7222		
								2120	17.201	0.7226		
								2250	16.757	0.7290		
								2400	16.002	0.7294		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.

1974 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED C							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF APRIL 4 - 7, 1974 (CONTINUED)										
				4- 7				130	15.612	0.7353
								210	14.846	0.7357
								340	14.059	0.7360
								535	13.733	0.7427
								630	13.015	0.7430
								855	12.663	0.7508
								1015	11.974	0.7510
								1300	11.636	0.7592
								1420	10.975	0.7594
								1655	10.653	0.7658
								1720	10.334	0.7660
								2105	10.021	0.7756
								2125	9.712	0.7760
								2320	9.712	0.7807
								2400	9.408	0.7815

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.



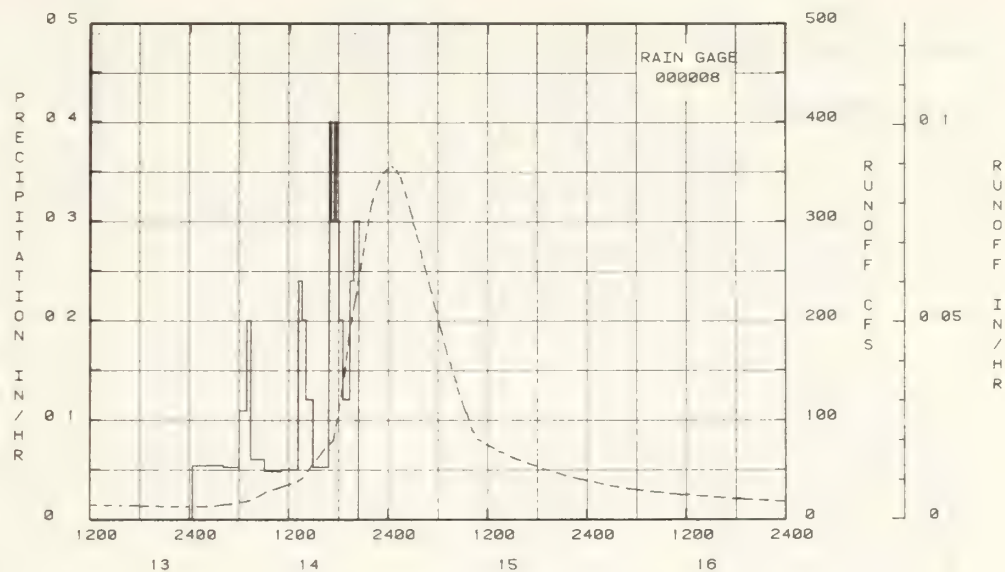
1975 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED C							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF APRIL 13 - 17, 1975										
RG 000006			RG 000008							
4-14	0.0		4-14	24	0.0	0.0	4-13	1215	14.470	0.0
4-13		0.213		215	0.0541	0.10		1250	14.059	0.0003
				405	0.0545	0.20		1540	13.733	0.0102
				600	0.0522	0.30		1550	13.372	0.0108
				655	0.1051	0.40		1750	13.372	0.0175
WATERSHED CONDITIONS:				725	0.2000	0.50		1810	13.015	0.0178
Residential, 1.6%; crops,				905	0.0600	0.60		2335	12.663	0.0353
29.6%; pasture, 31.7%;				1110	0.0480	0.70		2400	12.663	0.0356
water, 2.9%; roads, 1.3%;				1310	0.0500	0.80	4-14	210	13.015	0.0426
forest, 32.9%.				1335	0.2400	0.50		325	14.059	0.0429
				1405	0.2000	1.00		510	15.612	0.0446
				1455	0.1200	1.10		720	18.867	0.0456
				1650	0.0522	1.20		840	24.323	0.0466
				1705	0.4000	1.30		920	27.451	0.0510
				1725	0.3000	1.40		1050	31.638	0.0529
				1740	0.4000	1.50		1220	35.510	0.0544
				1800	0.3000	1.60		1305	37.999	0.0560
				1830	0.2000	1.70		1345	42.050	0.0627
				1920	0.1200	1.80		1420	48.470	0.0647
				1945	0.2400	1.90		1530	61.471	0.0660
				2005	0.3000	2.00		1620	71.084	0.0690
				2025	0.3000	2.10		1725	79.222	0.0895
								1825	128.275	0.1156
								1850	153.381	0.1188
								1920	166.646	0.1337
								1935	201.135	0.1459
								1940	203.219	0.1502
								1950	213.674	0.1589
								2010	228.391	0.1775
								2150	312.615	0.2911
								2210	323.729	0.3045
								2255	341.669	0.3674
								2335	350.719	0.3821
								2400	352.989	0.4190
							4-15	25	355.261	0.4264
								30	352.989	0.4339
								55	350.719	0.4708
								110	346.187	0.4928
								125	343.929	0.5145
								255	301.576	0.6365
								300	297.180	0.6427
								315	290.613	0.6613
								320	286.246	0.6673
								340	277.552	0.6910
								405	262.444	0.7021
								420	253.872	0.7075
								440	245.341	0.7285
								500	232.612	0.7384
								515	226.281	0.7528
								535	213.674	0.7574
								550	207.397	0.7706
								610	194.885	0.7748
								635	184.493	0.7947
								655	172.049	0.7983
								735	155.457	0.8167
								740	151.300	0.8219
								815	136.654	0.8431
								820	132.453	0.8459
								925	106.814	0.8786
								930	106.814	0.8808
								1010	88.841	0.8972
								1025	86.514	0.9028
								1045	80.459	0.9098
								1115	78.586	0.9147
								1150	74.804	0.9260
								1250	71.084	0.9275
								1325	68.031	0.9304
								1400	66.221	0.9346
								1500	62.058	0.9385
								1600	59.139	0.9398

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.000251965.



1975	SELECTED RUNCFF EVENT				TIFTON, GEORGIA LITTLE RIVER WATERSHED C						
ANTECEDENT CCNDITIONS			RAINFALL			RUNCFF					
Date Mo-Day	Rainfall (inches)	Runcff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Eate (cfs)	Acc. (inches)	
EVENT CF APRIL 13 - 17, 1975 (CONTINUED)											
4-15								1700	55.696	0.5409	
								1755	53.438	0.5454	
								1840	50.658	0.5487	
								1930	49.014	0.5528	
								2025	46.311	0.5538	
								2130	43.658	0.5547	
								2245	41.055	0.5564	
								2400	38.503	0.5585	
							4-16		105	36.957	0.5636
									200	35.018	0.5643
								250	33.556	0.5650	
								355	32.114	0.5657	
								535	30.222	0.5670	
								650	28.826	0.5688	
								750	27.451	0.5700	
								920	26.545	0.5767	
								1005	25.648	0.5772	
								1110	25.203	0.5842	
								1115	24.760	0.5847	
								1230	24.323	0.5924	
								1320	23.366	0.5929	
								1440	22.855	1.0007	
								1525	21.966	1.0012	
								1645	21.509	1.0085	
								1735	20.609	1.0089	
								1900	20.167	1.0162	
								1905	19.728	1.0166	
								2055	19.255	1.0256	
								2155	18.443	1.0260	
								2330	18.025	1.0333	
4-17								2400	17.611	1.0348	
								20	17.201	1.0351	
								230	16.797	1.0444	
								240	16.397	1.0451	
								350	16.397	1.0499	
								355	16.002	1.0503	
								700	15.612	1.0625	
								1015	15.227	1.0742	
								1035	14.846	1.0745	
								1420	14.470	1.0884	
								1425	14.099	1.0887	
								1730	13.733	1.0995	
								1740	13.372	1.1000	
								1915	13.372	1.1054	
								1955	13.015	1.1056	
								2400	12.663	1.1189	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000251965.



EVENT CP APRIL 13 - 17, 1975  
 TIPTON, GEORGIA LITTLE RIVER WATERSHED C



AREA - 3,936 Ac.

(contour interval is 10 ft.)

### LEGEND

- Watershed Boundary
- 350 —— Contour Line (N.G.V.D. of 1929)
- Continuous Stream
- - - - - Intermittent Stream
- Precipitation Recorder
- ▲ Streamgaging Station



LITTLE RIVER EXPERIMENTAL WATERSHED  
TIFTON, GEORGIA  
TOPOGRAPHY OF  
WATERSHED O  
(Mill Creek)

LOCATION: Turner County, Georgia; approximately 7 miles south of Ashburn on County Road S1985; Little River, Withlacoochee River Sub-basin, Suwannee River Basin. Lat. 31 deg. 36 min. 17 sec., long. 83 deg. 37 min. 53 sec.

AEPA: 28376.00 acres 44.34 sq. miles

SLOPES: Slope-Percent 0-2 2-5 5-8  
Percent of area 15.0 77.0 8.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwannee, Ocala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, clay, degraded limestone) are of lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Tifton loamy sand	42.981	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Low	Medium
Alapaha loamy sand	13.53	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Low	Poor
Cowarts loamy sand and sandy loam	11.15	6-12	Weak fine granular	Moderate	Weak to moderate medium subangular blocky	Moderate in upper to slow in lower part	36	Low	Good
Puquay loamy sand	9.83	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Low	Good
Dothan loamy sand	5.13	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium subangular blocky	Moderate	60-72	Low	Medium
Kinston-Osier fine sandy loam	3.91	6	Moderate fine granular to moderate medium granular	Moderate	Weak medium subangular blocky	Moderate	60	Moderate	Poor to very poor
Leefield loamy sand	2.86	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part moderately slow in lower part	60-68	Low	Poor
Esto sandy loam	2.78	4-5	Moderate medium granular	Slow	Moderate medium subangular blocky	Slow	60-72	Low	Good
Lakeland sand	2.20	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-85	Moderate	Excessive
Stilson loamy sand	1.45	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Low	Moderately well
Pelham loamy sand	1.04	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Low	Poor

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia  
Institute of Technology, and Middle South Georgia Soil Conservation District



SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		Internal drainage
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	
Miscellaneous soils (12), each less than 1%	3.14								
TOTAL	100.00								
1/Percent of area based on 1979 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EROSION: Erosion Class      +      1      2      3      4      5  
Percent of Area      0.0    82.0    18.0    0.0    0.0    0.0

LAND CAPABILITY: Class      I      II      III      IV      V      VI      VII      VIII  
Percent of Area      0.3    47.4    10.1    1.9    35.3    0.9    4.1    0.0

GEOLOGY: Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station 1. Below Station 1, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 2 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by R. E. Carver, Department of Geology, University of Georgia).

SYSTEM	Formation and percent of area		Description
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Deposited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.
Paleocene	Tampa limestone formation		White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee limestone		White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone		White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene			Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL		100.00	

SURFACE DRAINAGE: Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 19.4 miles. Drainage density 4.36.

CHARACTER OF FLOW: Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

INSTRUMENTATION: Runoff: Two Fischer and Porter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one FW-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Thirty-one Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 3-mile grid.

WATERSHED CONDITIONS: Residential, 1.8%; forest, 43.7%; commercial, 1.1%; water, 1.8%; crops, 32.3%; wetland, 1.4%; pasture, 17.1%; roads, 0.8%.

GENERALLY REPRESENTS: Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)						TIPTON, GEORGIA LITTLE RIVER WATERSHED F											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1969	P	0.24	3.61	6.00	1.48	6.58	1.78	6.84	6.74	5.58	0.16	0.61	4.17	43.75			
	Q	0.223	0.692	2.424	0.700	1.027	0.178	0.058	1.276	0.942	0.170	0.006	0.434	8.125			
1970	P	2.72	3.86	10.29	1.25	9.17	5.29	6.36	9.01	1.26	3.58	1.07	3.67	57.55			
	Q	0.975	1.825	4.526	2.410	2.171	2.939	1.270	2.817	0.580	0.267	0.155	0.453	20.431			
1971	P	3.33	5.99	6.48	4.55	3.02	4.80	8.24	6.47	1.01	2.23	3.34	6.02	55.48			
	Q	1.850	2.780	4.053	1.905	1.556	0.370	1.873	1.553	0.224	0.018	0.083	2.395	18.761			
1972	P	4.44	5.74	5.14	0.50	1.92	9.44	3.93	1.71	0.91	1.44	2.27	5.00	42.44			
	Q	2.703	3.742	1.738	1.174	0.042	1.357	0.564	0.053	0.0	0.0	0.0	0.007	11.360			
1973	P	5.40	6.24	6.38	7.85	3.36	5.66	5.31	4.77	1.54	0.54	1.17	3.75	52.01			
	Q	1.644	4.391	1.885	6.219	1.057	1.098	0.772	0.609	0.151	0.002	0.0	0.032	17.920			
1974	P	4.44	7.94	4.46	4.03	3.43	4.24	5.11	6.44	5.61	0.68	2.13	2.25	50.76			
	Q	0.757	4.363	2.154	2.452	0.244	0.199	0.121	1.077	1.301	0.028	0.014	0.274	13.024			
1975	P	6.08	3.13	6.80	8.67	4.23	3.74	6.60	4.55	1.68	2.59	1.80	3.55	53.82			
	Q	2.267	1.883	3.734	5.175	1.331	0.441	0.888	0.801	0.017	0.062	0.029	0.205	16.853			
STA AV	P	3.81	5.22	6.51	4.05	4.53	4.99	6.06	5.67	2.52	1.66	1.77	4.06	50.84			
	Q	1.506	2.811	2.936	2.862	1.073	0.940	0.792	1.169	0.459	0.078	0.047	0.543	15.217			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Date	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1969	8-4	0.016	8-4	0.016	8-4	0.031	8-4	0.051	8-3	0.173	3-19	0.303	3-18	0.534	3-18	1.239	
1970	3-31	0.052	3-31	0.051	3-31	0.103	3-31	0.305	3-31	0.591	3-31	1.052	3-30	1.521	5-29	3.259	
1971	3-4	0.026	3-4	0.026	3-4	0.052	3-4	0.152	3-4	0.283	3-3	0.524	3-3	0.684	2-28	1.758	
1972	1-13	0.020	1-13	0.020	1-13	0.040	1-13	0.117	1-13	0.215	3-31	0.389	3-31	0.632	2-1	1.693	
1973	4-1	0.050	4-1	0.050	4-1	0.099	4-1	0.294	4-1	0.564	4-1	0.983	3-31	1.408	4-1	3.256	
1974	2-8	0.035	2-8	0.035	2-8	0.070	2-8	0.205	2-8	0.407	2-7	0.743	2-7	1.134	2-7	1.834	
1975	4-15	0.067	4-15	0.067	4-15	0.135	4-15	0.400	4-15	0.773	4-15	1.352	4-14	1.672	4-10	3.530	
MAXIMUMS FOR PERIOD OF RECORD																	
	4-15	0.067	4-15	0.067	4-15	0.135	4-15	0.400	4-15	0.773	4-15	1.352	4-14	1.672	4-10	3.530	
1975			1975		1975		1975		1975		1975		1975		1975		

NOTES: Watershed conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.005-33 this publication. For composition map showing location of rain gages see map page 74.002-22 this publication. Precipitation records began January 1968. Runoff records began January 1, 1969. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 17 recording gages. Precipitation station averages are for record period beginning 1969. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.

1969 DAILY PRECIPITATION (inches) TIFTCN, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.02	0.06	0.0	0.0	0.0	0.0	0.04	0.37	0.15	0.07	0.0
2	0.0	0.01	0.0	0.0	0.0	0.0	0.17	2.36	0.02	0.0	0.01	0.0
3	0.0	0.25	0.12	0.0	0.01	0.0	0.06	0.02	0.07	0.0	0.0	0.0
4	0.0	0.0	0.01	0.0	0.0	0.0	0.01	0.87	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.58	0.02	0.02	0.0	0.01	0.0	0.0	0.0	0.0
6	0.01	0.17	1.74	0.02	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.02
7	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.64
8	0.0	0.45	0.11	0.0	0.04	0.0	0.13	0.0	0.58	0.0	0.0	0.0
9	0.06	0.02	0.05	0.0	0.21	0.0	0.48	0.01	0.02	0.0	0.0	0.16
10	0.0	0.0	0.0	0.0	0.0	1.25	0.04	0.36	0.0	0.0	0.0	1.09
11	0.0	0.0	0.0	0.0	0.0	0.02	0.08	0.01	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.02	0.58	0.04	0.0	0.0	0.19	0.0
13	0.0	0.0	0.0	0.0	0.01	0.02	0.01	0.11	0.0	0.0	0.09	0.0
14	0.0	0.51	0.0	0.0	0.19	0.01	0.28	0.15	0.0	0.0	0.0	0.0
15	0.0	1.67	0.0	0.03	0.92	0.0	0.12	0.31	0.03	0.0	0.0	0.0
16	0.0	0.06	0.30	0.0	1.31	0.0	0.05	0.02	0.02	0.0	0.0	0.0
17	0.0	0.01	0.32	0.0	0.02	0.0	0.04	0.0	0.0	0.0	0.01	0.0
18	0.0	0.0	2.23	0.68	1.27	0.0	0.0	0.03	0.02	0.0	0.0	0.0
19	0.07	0.0	0.0	0.0	0.24	0.0	0.0	0.29	0.19	0.0	0.20	0.0
20	0.05	0.0	0.0	0.0	0.01	0.32	0.20	0.02	0.23	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.03	0.03	0.06	0.0	3.89	0.0	0.0	1.13
22	0.02	0.38	0.0	0.0	0.0	0.0	0.56	0.99	0.09	0.0	0.0	0.0
23	0.01	0.01	0.04	0.0	0.15	0.0	0.54	0.82	0.01	0.0	0.0	0.09
24	0.02	0.01	1.02	0.0	0.02	0.0	0.54	0.01	0.01	0.0	0.0	0.02
25	0.0	0.01	0.0	0.0	0.0	0.01	0.0	0.0	0.01	0.0	0.0	0.80
26	0.0	0.0	0.0	0.0	1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.16	0.02	0.36	0.0	0.0	0.0	0.0	0.01
28	0.0	0.0	0.0	0.16	0.0	0.0	1.33	0.0	0.01	0.0	0.04	0.0
29	0.0	0.0	0.0	0.01	0.0	0.05	0.02	0.01	0.01	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.21	0.01	0.35	0.16	0.0	0.0	0.0	0.05
31	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.10	0.0	0.0	0.0	0.16
TOTAL	0.24	3.61	6.00	1.48	6.58	1.78	6.84	6.74	5.58	0.16	0.61	4.17
STA AV	0.24	3.61	6.00	1.48	6.58	1.78	6.84	6.74	5.58	0.16	0.61	4.17

NOTES: Values are weighted using Reciprocal Distance Squared Method from 17 recording gages. STA AV are based on 1 yr (1969) record period.

1970 DAILY PRECIPITATION (inches) TIFTCN, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.28	0.19	0.0	0.0	0.0	0.42	0.01	0.12	0.31	0.0	0.0	0.0
2	0.02	1.24	0.0	0.24	0.0	0.06	0.0	0.10	0.0	0.0	0.0	0.0
3	0.0	0.26	0.0	0.0	0.49	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.84	0.0	0.16	2.02	0.97	0.0	0.0	0.0	0.0	0.0
5	0.11	0.0	0.15	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	1.04	0.0	0.0	0.03	0.02	0.0	0.0	0.86	0.0	0.0	0.0	0.0
7	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.29	0.0	0.0	0.0	0.0
8	0.0	0.0	1.08	0.0	0.0	0.02	0.04	0.37	0.0	0.07	0.0	0.0
9	0.0	0.01	0.01	0.0	0.0	0.01	0.11	0.03	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.06	1.48	0.02	0.0	0.79	0.0
11	0.18	0.0	0.38	0.0	0.0	0.0	0.13	0.16	0.17	0.0	0.0	0.0
12	0.06	0.0	0.02	0.15	0.0	0.0	0.02	0.02	0.0	0.01	0.0	0.07
13	0.02	0.0	0.0	0.02	0.0	0.42	0.30	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.20	0.02	0.0	0.0	0.01	0.02	0.23	0.0
15	0.16	0.0	0.0	0.0	0.05	0.04	0.0	0.03	0.0	0.25	0.0	0.18
16	0.01	1.31	0.0	0.0	0.15	0.0	0.60	0.19	0.04	0.01	0.0	1.20
17	0.02	0.42	0.07	0.0	0.01	0.0	0.02	0.15	0.0	0.0	0.0	0.0
18	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01
19	0.0	0.0	0.02	0.43	0.0	0.0	0.01	0.01	0.0	0.54	0.01	0.0
20	0.0	0.0	1.36	0.12	0.0	0.0	0.40	0.11	0.0	0.17	0.01	0.0
21	0.0	0.0	2.22	0.0	0.0	0.0	0.12	0.01	0.0	0.0	0.0	0.0
22	0.0	0.0	0.01	0.0	0.0	0.54	0.53	0.0	0.0	0.0	0.0	0.0
23	0.11	0.0	0.01	0.0	0.0	0.05	0.74	1.52	0.0	0.0	0.0	0.0
24	0.0	0.01	0.0	0.0	0.0	0.32	0.67	1.27	0.01	2.32	0.0	0.0
25	0.0	0.39	0.0	0.0	1.43	0.33	0.01	0.98	0.49	0.04	0.0	0.11
26	0.02	0.0	0.05	0.12	1.05	0.0	1.41	1.25	0.0	0.0	0.0	0.0
27	0.0	0.02	0.0	0.02	0.09	0.64	0.03	0.02	0.22	0.0	0.03	0.0
28	0.0	0.0	1.01	0.0	3.02	0.0	0.05	0.02	0.01	0.0	0.0	0.0
29	0.62	0.0	0.02	0.0	1.43	0.0	0.0	0.0	0.0	0.13	0.0	1.36
30	0.06	0.0	2.24	0.0	0.91	0.0	0.13	0.0	0.0	0.02	0.0	0.38
31	0.0	0.0	0.79	0.0	0.16	0.0	0.0	0.02	0.0	0.0	0.0	0.36
TOTAL	2.72	3.86	10.29	1.25	5.17	5.29	6.36	9.01	1.28	3.58	1.07	3.67
STA AV	1.48	3.74	8.15	1.37	7.88	3.54	6.60	7.88	3.43	1.87	0.84	3.92

NOTES: Values are weighted using Reciprocal Distance Squared Method from 17 recording gages. STA AV are based on 2 yr (1969-70) record period.



1971 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.33	0.02	0.02	0.0	0.30	0.12	0.0	0.0	0.01	0.06
2	0.0	0.0	1.33	0.61	0.18	0.0	1.74	0.07	0.22	0.0	0.02	1.17
3	0.0	0.0	0.78	0.01	0.02	0.0	0.80	0.0	0.16	0.0	0.23	1.39
4	0.62	0.0	0.0	0.0	0.0	0.0	0.93	1.03	0.19	0.0	0.0	0.0
5	0.24	0.74	0.01	1.08	0.01	0.08	0.03	0.04	0.02	0.0	0.0	0.02
6	0.02	0.0	0.05	0.01	0.0	0.05	0.09	0.06	0.01	0.0	0.0	0.14
7	0.0	1.63	0.07	0.01	0.0	0.09	0.60	0.0	0.0	0.0	0.0	0.19
8	1.13	0.65	0.0	0.03	0.63	0.0	0.03	0.0	0.0	0.0	0.01	0.0
9	0.11	0.0	0.0	0.0	0.01	0.03	0.01	1.32	0.0	1.02	0.07	0.0
10	0.02	0.0	0.09	0.0	0.02	0.77	0.02	0.18	0.0	0.25	0.01	0.01
11	0.02	0.0	0.0	0.0	0.0	0.07	0.66	0.62	0.0	0.0	0.0	0.48
12	0.0	0.41	0.0	0.0	0.88	0.0	0.03	0.02	0.05	0.01	0.0	0.01
13	0.02	0.07	0.38	0.0	0.02	0.25	0.01	0.0	0.0	0.0	0.0	0.02
14	0.01	0.0	0.03	0.0	0.0	0.06	0.20	0.0	0.0	0.20	0.0	0.0
15	0.13	0.0	0.16	0.0	0.51	0.24	0.43	0.07	0.0	0.06	0.0	0.0
16	0.0	0.01	0.0	0.0	0.0	0.03	0.02	0.11	0.01	0.0	0.0	0.0
17	0.0	0.01	0.0	0.0	0.02	0.84	0.0	0.0	0.08	0.02	0.0	0.07
18	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.17	0.0	0.0	0.0	0.0
19	0.0	0.0	0.31	0.0	0.01	0.03	0.01	0.0	0.0	0.0	0.01	0.0
20	0.0	1.04	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.12	0.02	2.40
21	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.12	0.15	0.09	0.0	0.01
22	0.01	0.24	0.14	0.0	0.0	0.03	0.01	0.15	0.12	0.01	0.0	0.03
23	0.11	0.0	0.18	0.32	0.0	0.01	0.02	0.15	0.0	0.01	0.0	0.0
24	0.02	0.01	0.0	0.07	0.0	0.0	0.04	0.03	0.0	0.37	0.17	0.01
25	0.45	0.0	0.51	0.01	0.01	0.12	0.0	0.51	0.0	0.0	0.02	0.0
26	0.0	0.23	1.00	0.0	0.0	0.01	0.18	0.09	0.0	0.0	0.0	0.0
27	0.0	0.19	0.0	0.0	0.01	0.0	0.04	0.02	0.0	0.0	0.01	0.0
28	0.0	0.76	0.02	0.09	0.05	0.67	0.03	0.0	0.0	0.0	1.61	0.0
29	0.0	0.0	0.69	0.81	0.01	0.82	0.93	1.55	0.0	0.0	1.15	0.0
30	0.42	0.0	0.0	1.46	0.0	0.24	0.17	0.03	0.0	0.01	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.51	0.01	0.0	0.06	0.0	0.01
TOTAL	3.33	5.99	6.48	4.55	3.02	4.80	8.24	6.47	1.01	2.23	3.34	6.02
STA AV	2.10	4.49	7.59	2.43	6.26	3.56	7.15	7.41	2.62	1.95	1.67	4.62

NOTES: Values are weighted using Reciprocal Distance Squared Method from 17 recording gages. STA AV are based on 3 yr (1969-71) record period.

1972 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	1.52	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.01	0.0
2	0.33	0.0	0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.01	1.11	0.0	0.01	0.06	0.0	0.01	0.0	0.0	0.0	0.0	0.0
4	0.01	0.0	0.0	0.0	0.07	0.0	0.0	0.01	0.0	0.0	0.0	0.01
5	0.38	0.0	0.17	0.0	0.0	0.0	1.14	0.0	0.0	0.0	0.0	0.07
6	0.0	0.09	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.09	1.88
7	0.0	0.85	0.0	0.01	0.01	0.0	0.02	0.04	0.0	0.0	0.03	0.01
8	0.0	0.01	0.27	0.09	0.84	0.0	0.0	0.02	0.0	0.0	0.0	0.01
9	0.02	0.0	0.0	0.0	0.0	0.01	0.0	0.09	0.20	0.0	0.0	0.0
10	0.18	0.0	0.0	0.0	0.0	0.12	0.0	0.01	0.0	0.0	0.01	0.0
11	1.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0
12	0.01	0.51	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.37	0.0	0.0	0.0	0.44	0.0	0.0	0.0	0.0	0.0	0.78	0.0
14	0.05	0.0	0.0	0.0	0.01	0.0	0.0	0.34	0.0	0.21	0.02	0.01
15	0.02	0.30	0.0	0.0	0.05	0.0	0.28	0.01	0.0	0.04	0.0	0.27
16	0.0	0.63	0.69	0.0	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0
17	0.0	0.03	0.02	0.0	0.0	0.35	0.05	0.0	0.0	0.0	0.0	0.0
18	0.01	0.01	0.10	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.06	0.0	0.04	4.05	0.03	0.0	0.0	0.0	0.28	0.0
20	0.0	0.0	0.0	0.0	0.06	1.26	0.10	0.13	0.02	0.0	0.0	0.01
21	0.01	0.0	0.0	0.0	0.04	0.01	0.0	0.0	0.0	0.0	0.0	0.99
22	0.55	0.0	0.06	0.39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08
23	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0
24	0.0	0.01	0.0	0.0	0.0	0.0	0.64	0.04	0.0	0.32	0.0	0.18
25	0.07	0.0	0.12	0.0	0.0	2.31	0.18	0.06	0.03	0.0	0.60	0.0
26	0.0	0.37	0.0	0.0	0.0	0.03	0.0	0.42	0.0	0.0	0.0	0.0
27	0.01	0.28	0.0	0.0	0.15	1.10	0.07	0.0	0.02	0.87	0.0	0.0
28	0.0	0.02	0.51	0.0	0.10	0.03	0.0	0.49	0.01	0.0	0.0	0.0
29	0.22	0.0	0.02	0.0	0.01	0.04	0.08	0.03	0.0	0.0	0.20	0.0
30	0.10	0.0	2.50	0.0	0.01	0.0	0.45	0.0	0.63	0.0	0.20	0.0
31	0.07	0.11	0.0	0.0	0.0	0.0	0.59	0.0	0.0	0.0	0.0	1.48
TOTAL	4.44	5.74	5.14	0.50	1.52	5.44	3.93	1.71	0.91	1.44	2.27	5.00
STA AV	2.68	4.80	6.98	1.95	5.17	5.33	6.34	5.98	2.20	1.85	1.82	4.72

NOTES: Values are weighted using Reciprocal Distance Squared Method from 17 recording gages. STA AV are based on 4 yr (1969-72) record period.



1973	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED F						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.75	1.30	0.0	0.78	0.0	0.14	0.0	0.03	0.10	0.03	0.0	0.0
2	0.40	1.10	0.0	0.0	0.0	0.05	0.0	0.74	0.0	0.0	0.0	0.0
3	0.02	0.0	0.09	1.32	0.01	0.0	0.0	0.31	0.01	0.0	0.0	0.0
4	0.12	0.0	0.0	0.14	0.0	0.02	0.0	0.68	0.0	0.0	0.0	0.19
5	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.0	0.45
6	0.0	0.0	0.07	0.0	0.0	0.56	0.02	0.01	0.0	0.0	0.0	0.0
7	0.26	0.0	0.0	1.76	0.01	0.03	0.0	0.56	0.0	0.0	0.0	0.0
8	1.08	0.69	0.06	0.0	0.87	0.52	1.76	0.01	0.0	0.0	0.02	0.0
9	0.0	1.89	0.41	0.0	0.0	0.30	0.06	0.0	0.01	0.0	0.03	0.0
10	0.04	0.01	0.01	0.0	0.01	0.18	0.0	0.0	0.89	0.0	0.0	0.0
11	0.0	0.39	0.0	0.0	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.01	0.33	0.0	0.0	0.15	0.0	0.0	0.02	0.0	0.0	0.0
13	0.0	0.01	0.01	0.0	0.0	0.01	0.95	0.0	0.10	0.0	0.0	0.0
14	0.01	0.83	0.0	0.0	0.0	0.05	0.24	0.17	0.30	0.0	0.0	0.0
15	0.01	0.0	0.0	0.0	0.0	0.36	0.0	0.02	0.01	0.0	0.01	0.56
16	0.0	0.0	0.68	0.0	0.0	0.25	0.26	0.49	0.0	0.0	0.01	0.51
17	0.01	0.0	0.0	0.0	0.0	0.48	0.02	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.01	0.46	0.09	0.0	0.0	0.0	0.0
19	0.77	0.0	0.0	0.0	0.07	0.02	0.01	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.14	0.0	0.02	0.23	0.0	0.0	0.0	0.0	0.04	0.19
21	0.20	0.0	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.48	0.0
22	0.66	0.0	0.0	0.0	0.06	0.16	0.05	0.0	0.0	0.03	0.01	0.0
23	0.0	0.0	0.0	0.0	0.0	0.76	0.01	0.0	0.0	0.01	0.01	0.0
24	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.01
25	0.0	0.0	0.99	1.53	0.06	0.07	0.34	0.01	0.0	0.0	0.0	0.02
26	0.63	0.01	0.0	2.32	1.55	0.01	0.27	0.16	0.03	0.0	0.0	0.68
27	0.0	0.0	0.0	0.0	0.02	0.0	0.39	0.01	0.06	0.0	0.0	0.0
28	0.44	0.0	0.18	0.0	0.05	1.09	0.29	0.11	0.0	0.30	0.56	0.0
29	0.0	0.0	0.36	0.0	0.43	0.05	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	1.07	0.0	0.15	0.0	0.0	0.0	0.0	0.0	0.0	0.75
31	0.0	0.0	1.92	0.0	0.0	0.0	0.18	0.55	0.0	0.17	0.0	0.03
TOTAL	5.40	6.24	6.38	7.85	3.36	5.66	5.31	4.77	1.54	0.54	1.17	3.79
STA AV	3.23	5.09	6.86	3.13	4.81	5.29	6.14	5.74	2.06	1.59	1.69	4.53

NOTES: Values are weighted using Reciprocal Distance Squared Method from 17 recording gages. STA AV are based on 5 yr (1969-73) record period.

1974	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED F						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.83	0.04	0.0	0.0	0.0	0.01	0.0	0.94	0.04	0.0	0.0	0.0
2	0.01	0.30	0.0	0.89	0.0	0.63	0.94	0.08	0.06	0.0	0.0	0.0
3	0.0	0.34	0.0	0.0	0.0	0.20	0.66	0.17	0.11	0.0	0.0	0.0
4	0.05	0.0	0.0	1.86	0.0	0.03	0.02	0.19	0.0	0.0	0.0	0.0
5	0.01	0.0	0.0	0.10	0.14	0.71	0.01	1.51	0.85	0.0	0.0	0.0
6	0.03	2.14	0.0	0.0	0.07	0.01	0.01	0.63	2.57	0.0	0.01	0.0
7	0.03	1.43	0.0	0.0	0.0	0.0	0.0	0.57	0.62	0.0	0.01	0.32
8	0.01	0.25	0.0	0.58	0.0	0.06	0.07	0.02	0.42	0.0	0.01	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.25	0.0	0.07	0.0
10	0.0	0.0	0.0	0.0	0.0	0.18	0.04	0.0	0.02	0.0	0.0	0.0
11	1.03	0.0	0.0	0.0	1.65	0.0	0.0	0.0	0.0	0.0	0.12	0.0
12	0.0	0.0	0.02	0.0	0.10	0.0	0.01	0.0	0.0	0.0	0.0	0.08
13	0.0	0.0	0.0	0.12	0.0	0.03	0.0	0.18	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.13	0.0	1.12	0.0	0.04	0.0	0.0	0.07	0.0
15	0.0	0.21	0.0	0.23	0.10	0.0	0.0	0.31	0.0	0.01	0.01	0.42
16	0.0	1.71	0.22	0.0	0.09	0.0	0.0	0.02	0.0	0.66	0.02	0.0
17	0.0	0.0	0.0	0.0	0.02	0.0	0.04	0.22	0.18	0.0	0.13	0.0
18	0.0	0.0	0.0	0.0	0.02	0.0	0.31	0.01	0.0	0.0	0.0	0.0
19	0.0	1.24	0.53	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.01	0.01
20	0.22	0.0	0.10	0.0	0.03	0.39	0.73	0.10	0.0	0.0	0.93	1.33
21	0.14	0.01	0.68	0.01	0.0	0.65	0.04	0.85	0.0	0.0	0.0	0.0
22	0.0	0.27	0.0	0.09	0.0	0.01	0.0	0.01	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.02	0.75	0.08	0.0	0.0	0.0	0.01	0.0	0.01
24	0.01	0.0	0.0	0.0	0.0	0.0	0.54	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.95	0.0	0.0	0.0	0.52	0.01	0.0	0.0	0.0	0.02
26	0.0	0.0	0.25	0.0	0.46	0.02	0.62	0.0	0.47	0.0	0.0	0.0
27	0.0	0.0	0.46	0.0	0.0	0.06	0.14	0.01	0.01	0.0	0.0	0.0
28	0.15	0.0	0.08	0.0	0.0	0.05	0.0	0.0	0.01	0.0	0.0	0.05
29	0.65	0.0	1.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01
30	0.27	0.0	0.0	0.0	0.0	0.0	0.37	0.35	0.0	0.0	0.74	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.22	0.0	0.0	0.0	0.0
TOTAL	4.44	7.94	4.46	4.03	3.43	4.24	5.11	6.44	5.61	0.68	2.13	2.25
STA AV	3.43	5.56	6.46	3.28	4.58	5.20	5.57	5.86	2.66	1.44	1.77	4.15

NOTES: Values are weighted using Reciprocal Distance Squared Method from 17 recording gages. STA AV are based on 6 yr (1969-74) record period.

1975	DAILY PRECIPITATION (inches)					TIPICN, GEORGIA LITTLE RIVER WATERSHED F							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Cct	Nov	Dec	
1	0.0	0.0	0.30	0.37	0.0	0.0	0.0	1.68	0.0	0.36	0.0	0.41	
2	0.0	0.22	0.0	0.03	0.0	0.16	0.0	0.04	0.0	0.02	0.0	0.0	
3	0.0	0.38	0.0	0.16	0.10	0.0	0.0	0.01	0.0	0.0	0.0	0.0	
4	0.29	0.0	0.01	0.0	0.0	0.0	0.0	0.02	0.0	0.43	0.0	0.0	
5	0.01	0.08	0.04	0.0	0.0	0.0	0.20	0.01	0.0	0.0	0.0	0.01	
6	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.03	0.17	0.0	0.0	
7	0.01	0.0	0.19	0.0	0.32	0.01	0.03	0.01	0.0	0.36	0.11	0.11	
8	1.02	0.0	0.0	0.01	0.0	0.0	0.80	0.38	0.08	0.06	0.16	0.0	
9	0.0	0.0	0.0	0.85	0.0	0.21	0.01	0.0	0.05	0.0	0.01	0.38	
10	0.01	0.02	0.02	2.45	0.0	0.15	0.04	0.25	0.10	0.0	0.41	0.0	
11	0.59	0.0	0.0	0.10	0.0	0.54	1.23	0.04	0.01	0.0	0.0	0.0	
12	2.07	0.08	0.0	0.0	0.16	0.52	0.0	0.0	0.0	0.0	0.76	0.0	
13	0.0	0.0	0.02	0.07	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
14	0.02	0.0	0.22	3.39	0.58	0.01	1.30	0.0	0.0	0.0	0.0	0.0	
15	0.0	0.01	0.0	0.01	0.39	0.17	0.65	0.0	0.0	0.0	0.0	0.01	
16	0.0	0.49	2.90	0.0	0.56	0.0	0.06	0.0	0.0	0.0	0.0	0.08	
17	0.0	0.95	0.0	0.01	0.44	0.0	0.26	0.01	0.26	1.55	0.0	0.60	
18	0.0	0.39	2.22	0.0	0.0	0.02	0.04	0.0	0.31	0.0	0.0	0.0	
19	0.43	0.44	0.0	0.10	0.0	0.36	0.0	0.25	0.30	0.0	0.0	0.0	
20	0.43	0.0	0.0	0.43	0.0	0.0	0.48	0.01	0.02	0.0	0.0	0.0	
21	0.0	0.03	0.0	0.0	0.0	0.0	0.38	0.17	0.10	0.0	0.14	0.0	
22	0.25	0.55	0.02	0.0	0.0	0.0	0.01	0.0	0.10	0.0	0.0	0.0	
23	0.48	0.05	0.0	0.0	0.0	0.0	0.05	0.04	0.11	0.0	0.02	0.0	
24	0.14	0.24	0.63	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	
25	0.32	0.0	0.0	0.0	0.0	0.63	0.01	0.02	0.0	0.0	0.01	0.64	
26	0.0	0.0	0.0	0.0	0.05	0.51	0.08	0.0	0.0	0.0	0.0	0.08	
27	0.0	0.0	0.0	0.06	0.0	0.02	0.03	0.44	0.0	0.0	0.18	0.0	
28	0.0	0.0	0.0	0.0	0.0	0.0	0.40	0.52	0.0	0.0	0.0	0.0	
29	0.0	0.0	0.0	0.37	0.06	0.19	0.15	0.22	0.20	0.0	0.0	0.15	
30	0.0	0.0	0.23	0.22	0.16	0.04	0.33	0.12	0.0	0.0	0.0	0.22	
31	0.0	0.0	0.0	0.0	0.99	0.0	0.02	0.04	0.0	0.0	0.0	0.66	
TOTAL	6.08	3.13	6.80	8.67	4.23	3.74	6.60	4.55	1.68	2.99	1.80	3.55	
STA AV	3.81	5.22	6.51	4.05	4.53	4.59	6.06	5.67	2.52	1.66	1.77	4.06	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 17 recording gages. STA AV are based on 7 yr (1969-75) record period.

1969	MEAN DAILY DISCHARGE (cfs)					TIPICN, GEORGIA LITTLE RIVER WATERSHED F							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Cct	Nov	Dec	
1	19.99E	4.95	22.60	45.82	1.41	31.87	0.0	24.55	6.59E	20.13	0.07	0.20	
2	16.64	4.94	22.63	42.95	0.97	39.09	0.0	23.62	18.44E	23.88	0.17	0.20	
3	12.05	5.38	21.80	40.94	0.70	13.75	0.0	84.67	15.68E	25.22	0.41	0.15	
4	10.41	6.42	23.40	38.28	0.57	8.64	0.0	340.67	10.23	22.28	0.37	0.13	
5	10.04	6.59	22.79	36.78	0.29	5.32	0.0	201.54	6.39	16.50	0.24	0.12	
6	9.11	6.07	30.76	63.63	0.00	3.77	0.0	139.09	4.10	12.16	0.16	0.14	
7	9.31	6.84	135.83	68.77	0.0	2.86	0.0	74.26	2.74	9.52	0.12	0.51	
8	9.84	8.60	157.22	59.50	0.0	2.57	0.0	34.66	2.23	8.58	0.08	1.71	
9	10.07	17.76	114.46	41.54	0.0	1.73	0.0	20.86	4.01	9.13	0.06	4.68	
10	10.40	19.34	82.91	30.03	0.0	1.14	0.0	18.19	11.10	8.77	0.04	10.23	
11	10.10	13.54	57.83	25.69	0.0	12.82	0.0	28.82	5.44	7.57	0.02	32.39	
12	8.82	10.03	45.09	23.27	0.0	33.59	0.0	32.05	2.85	6.23	0.02	30.96	
13	7.57	7.77	40.21	20.05	0.0	29.34	0.0	17.04	1.58	5.12	0.02	17.82	
14	6.74	6.90	38.70	16.50	0.0	12.34	0.0	13.52	0.89	4.19	0.03	11.96	
15	6.32	50.83	34.15	14.98	13.25	5.83	0.0	27.47	0.56	3.48	0.02	8.71	
16	6.27	111.60	37.95	15.39	15.91	3.19	0.0	39.70	0.36	3.11	0.04	6.71	
17	6.22	109.58	50.66	15.68	31.24	1.70	0.0	26.31	0.23	2.62	0.08	5.28	
18	6.43	66.37	180.34	48.63	66.35	0.89	0.0	14.54	0.17	2.18	0.11	4.38	
19	6.80	44.55	359.37	76.16	179.90	0.43	0.0	9.23	0.12	2.45	0.17	3.66	
20	8.04	34.67	257.03	33.65	138.50	0.17	0.0	23.02	0.21	2.39	0.16	3.58	
21	9.47	30.59	144.54	21.51	84.21	0.19	0.0	16.15	60.64	1.96	0.57	4.93	
22	8.93	30.14	59.76	15.44	42.96	0.08	0.0	8.41	331.88	1.54	0.74	33.72	
23	8.03	46.19	79.25	11.38	23.71	0.02	0.0	30.67	247.40	1.14	0.80	47.69	
24	7.89	50.60	129.95	8.27	30.53	0.00	0.0	115.12	139.26	0.72	0.66	32.69	
25	7.56	41.00	154.71	6.06	16.76	0.0	0.0	83.13	81.70	0.63	0.41	27.22	
26	7.03	32.60	161.74	4.55	9.99	0.0	0.0	33.43E	52.90	0.49	0.33	49.12	
27	5.78	27.39	102.69	3.42	65.80	0.0	0.0	12.06E	38.42	0.34	0.27	61.77	
28	5.13	24.16	72.41	2.40	259.86	0.0	0.0	7.94E	30.46	0.28	0.27	44.68	
29	4.74	62.36	2.12	144.40	0.0	20.75	0.0	6.89E	25.14	0.19	0.20	30.73	
30	4.71	56.12	1.77	66.85	0.0	34.12	0.0	6.89E	21.01	0.10	0.17	21.91	
31	4.95	50.79	0.0	30.72	0.0	14.44	0.0	6.74E	0.07	0.07	0.07	19.26	
MEAN	8.561	29.477	53.213	27.839	39.511	7.058	2.237	49.061	37.423	6.548	0.227	16.692	
INCHES	0.223	0.692	2.424	0.700	1.027	0.178	0.058	1.276	0.942	0.170	0.006	0.434	
STA AV	0.223	0.692	2.424	0.700	1.027	0.178	0.058	1.276	0.942	0.170	0.006	0.434	

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.000637998. STA AV based on 1 yr (1969) record period.

1970 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	28.3	50.4	42.7	754.3	8.4	301.8	21.5	28.1	57.2	2.5	11.7	3.3
2	41.2	76.6	36.8	279.6	5.6	231.6	12.7	22.9	87.5	1.6	11.4	3.7
3	32.9	157.5	33.8	219.3	4.2	154.6	8.4	20.6	104.5	1.0	10.8	3.7
4	25.0	158.4	33.4	164.6	9.3	307.5	138.2	11.8	52.6	0.5	7.8	2.6
5	19.6	111.2	78.9	130.1	26.8	733.9	114.5	7.3	36.0	0.2	5.3	2.7
6	40.3	75.8	113.2	120.4	23.7	294.2	35.2	5.0	28.9	0.1	4.1	2.4
7	93.5	59.2	105.1	109.3	12.5	136.0	16.6	20.0	24.8	0.0	3.3	2.1
8	87.9	51.4	84.7	92.2	6.4	88.9	10.5	46.6	21.0	0.0	2.8	1.8
9	60.7	47.8	170.9	77.3	3.7	71.0	7.6	96.4	16.9	0.0	2.4	1.5
10	39.3	45.5	157.6	72.1	2.2	55.1	8.0	90.0	29.6	0.0	6.3	2.0
11	34.5	41.4	109.3	67.8	1.4	50.9	9.4	256.0	32.6	0.0T	18.1	2.1
12	44.3	37.9	110.7	72.6	0.8	43.5	8.4	204.6	31.1	0.0	21.1	2.3
13	47.6	34.9	105.2	83.3	0.5	38.0	8.4	109.0	33.7	0.0	17.2	2.8
14	40.3	32.5	80.5	77.0	0.4	69.6	48.1	53.1	29.1	0.0	12.3	2.7
15	35.3	31.0	61.5	61.6	115.3	70.1	16.3	35.7	14.5	0.0	12.8	2.7
16	39.0	74.4	49.7	47.1	23.3	53.4	8.7	26.4	9.7	0.1	13.4	16.0
17	38.4	207.9	43.9	40.8	9.3	36.6	23.6	55.7	8.9	0.3	10.3	48.5
18	36.6	196.9	44.9	37.0	4.4	27.0	13.4	39.6	8.1	0.2	8.1	58.7
19	34.1	136.7	46.9	34.8	2.2	15.8	7.2	26.6	5.6	0.2	6.9	50.9
20	30.4	92.5	85.9	52.8	1.1	14.2	4.0	20.0	4.1E	0.7	6.2	26.5
21	26.5	65.0	252.1	68.5	0.6	5.6	7.2	23.5	3.3E	1.8	5.5	16.0
22	23.3	51.1	881.8	54.1	0.3	10.5	13.7	14.6	2.6E	1.8	5.0	12.9
23	22.3	46.6	418.8	34.5	0.1	106.9	26.0	11.4	2.0E	1.1	4.6	11.5
24	26.0	45.9	210.6	24.1	0.0	97.3	103.5	90.3	1.5E	5.3	4.2	10.5
25	25.7	51.2	140.2	18.6	2.0	95.2	103.5	529.1	2.5E	106.4	3.7	9.6
26	24.4	73.1	111.7	16.2	28.0	118.5	91.4	496.5	18.7	84.5	3.4	9.8
27	23.5	68.5	102.8	17.3	42.6	56.9	242.4	417.5	6.2	44.7	3.7	9.2
28	21.5	54.8	143.1	18.6	54.9	61.9	238.9	294.9	4.5	22.8	3.7	8.0
29	20.3		218.9	16.0	777.6	82.6	86.2	147.7	8.0	13.8	3.6	21.1
30	40.7		257.1	12.0	513.9	59.5	34.8	91.8	5.2	14.5	3.4	73.7
31	63.6		1064.0E		507.5		45.5	66.5		14.3		118.1
MEAN	37.64	77.70	174.07	95.78	83.51	116.79	48.84	108.33	23.03	10.28	7.77	17.42
INCHES	0.975	1.825	4.526	2.410	2.171	2.539	1.270	2.817	0.580	0.267	0.195	0.453
STA AV	0.601	1.259	3.475	1.555	1.599	1.558	0.664	2.046	0.761	0.219	0.101	0.444

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.000837998. STA AV based on 2 yr (1969-70) record period.

1971 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	123.49	60.67	153.29	108.01	319.53	0.69	54.98	143.55	57.09	0.02E	1.15	57.76
2	86.77	48.19	247.82	107.46	194.74	0.35	25.36	104.60	29.74	0.00	1.08	20.78
3	53.63	34.64	392.55	163.28	90.86	0.15	383.34	37.79	31.28	0.0	1.07	104.51
4	37.72	31.94	616.59	139.27	56.66	1.33	375.75	22.36	26.01	0.0	0.80	227.07
5	81.60	52.13	290.07	113.90	38.72	2.20	255.41	71.17	23.69	0.0	0.82	152.01
6	108.31	94.47	159.08	232.10	29.00	0.25	133.30	142.03	28.35	0.0	0.69	90.12
7	98.80	178.84	133.81	222.43	23.66	0.06	72.13	43.86	16.65E	0.0	0.42	74.54
8	65.75	332.33	120.88	133.07	59.40	0.03	113.60	19.73	11.02E	0.0	0.23	72.18
9	109.07	336.86	100.13	96.23	110.60	0.00	145.35	16.11	8.03E	0.0 T	0.13	63.13
10	211.58	203.86	51.31	80.35	69.72	12.21	51.56	145.00	5.83E	0.20	0.09	50.80
11	149.10	124.07	58.53	69.98	44.64	124.99	62.35	134.93	4.42	1.94	0.06	48.42
12	94.27	99.09	88.15	62.22	37.06	23.80	105.43	148.75	4.26	1.66	0.03	76.62
13	73.87	128.84	86.46	55.52	144.40	8.41	68.85	117.10	4.80	0.76	0.11	84.66
14	65.12	135.52	118.80	49.06	102.64	9.63	37.44	47.44	2.71	0.43	0.13	66.97
15	62.01	109.11	120.32	45.03	106.90	7.06	41.81	25.59	1.63	0.62	0.07	51.53
16	61.89	86.27	115.18	42.93	145.16	3.33	50.73	23.20	1.23	0.57	0.04	44.20
17	56.91	73.22	87.60	39.20	116.76	31.37	49.90	24.08	1.11	0.20	0.02	40.21
18	50.82	66.45	66.19	34.89	63.66	95.36	30.42	22.26	0.85	0.23	0.01	38.03
19	45.39	61.78	63.84	30.88	35.08	22.09	18.29	25.87	0.63	0.16	0.00	35.52
20	39.35	83.62	75.88	26.53	25.68	10.68	12.40	17.11	0.47	0.12	0.04	92.80
21	35.32	175.18	67.27	23.26	22.63	5.78	10.10	19.70	0.29	0.12	0.22	330.33
22	35.55	190.08	54.77	22.10	18.11	4.43	10.02	13.48	0.20	0.16	0.25	256.01
23	37.91	145.64	65.78	21.92	13.14	3.09	9.76	15.22	1.06	0.35	0.14	165.87
24	47.19	104.71	73.90	46.21	5.58	1.73	9.84	16.04	2.19	1.11	0.15	103.60
25	47.01	82.54	62.51	38.65	6.76	0.89	6.42	11.11	1.80	2.74	0.22	83.56
26	86.66	70.28	242.93	25.19	5.28	13.91	6.70	28.82	1.05	3.01	0.15	75.65
27	74.99	96.54	342.84	18.19	4.01	2.66	6.86	72.03	0.64	1.67	0.08	70.04
28	66.99	107.80	153.35	16.88	2.93	1.08	5.34	27.21	0.29E	1.67	0.17	64.60
29	42.10		136.46	20.60	2.56	8.26	6.46	45.58	0.09E	1.36	17.57	60.58
30	39.76		200.36	186.54	1.81	45.01	20.01	144.45	0.05E	1.32	73.59	57.47
31	62.39		173.87		1.26		53.85	126.62		1.33		54.86
MEAN	72.67	118.37	157.41	75.71	61.35	14.71	72.03	55.75	8.91	0.71	3.32	92.13
INCHES	1.890	2.780	4.093	1.905	1.596	0.370	1.873	1.553	0.224	0.018	0.083	2.395
STA AV	1.030	1.766	3.681	1.672	1.598	1.162	1.067	1.882	0.582	0.152	0.095	1.094

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.000837998. STA AV based on 3 yr (1969-71) record period.



1972	MEAN DAILY DISCHARGE (cfs)					TIPTON, GEORGIA LITTLE FIVER WATERSHED F						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	52.86	104.28	78.42	380.74	2.08	0.0	62.75	33.92	0.0	0.0	0.0	0.0
2	53.60	270.77	72.28	176.38	1.21	0.0	43.28	16.79	0.0	0.0	0.0	0.0
3	77.53	323.14	108.18	105.33	0.79	0.0	38.14	6.06	0.0	0.0	0.0	0.0
4	75.78	348.65	105.26	60.51	0.50	0.0	28.30	3.04	0.0	0.0	0.0	0.0
5	83.21	243.19	84.04	70.64	0.37	0.0	21.48	1.60	0.0	0.0	0.0	0.0
6	80.20	147.17	71.33	64.88	0.21	0.0	71.82	0.90	0.0	0.0	0.0	0.0
7	78.80	241.22	58.80	59.83	0.09	0.0	164.42	0.44	0.0	0.0	0.0	0.0
8	61.67	263.80	57.85	55.43	0.23	0.0	86.18	0.19	0.0	0.0	0.0	0.0
9	45.45	185.39	71.34	52.83	1.77	0.0	34.24	0.09	0.0	0.0	0.0	0.0
10	44.62	128.02	58.89	45.00	8.60	0.0	19.08	0.08	0.0	0.0	0.0	0.0
11	79.53	102.67	48.13	36.93	6.44	0.0	12.95	0.02	0.0	0.0	0.0	0.0
12	134.01	101.24	41.50	33.59	3.02	0.0	9.66	0.00	0.0	0.0	0.0	0.0
13	303.23	144.41	38.20	32.72	2.07	0.0	7.08	0.0	0.0	0.0	0.0	0.0
14	366.32	153.00	36.65	29.56	3.89	0.0	6.21	0.0	0.0	0.0	0.0	0.0
15	258.01	121.52	36.04	24.92	7.07	0.0	4.63	0.0	0.0	0.0	0.0	0.0
16	152.82	148.18	39.48	20.14	6.09	0.0	7.53	0.0	0.0	0.0	0.0	0.0
17	101.77	220.06	84.28	16.36	3.14	0.0	4.70	0.0	0.0	0.0	0.0	0.0
18	86.85	197.72	103.93	12.98	1.43	0.0	7.95	0.0	0.0	0.0	0.0	0.0
19	82.52	133.37	76.89	10.65	0.65	0.10	3.87	0.0	0.0	0.0	0.0	0.0
20	78.37	99.42	52.95	8.80	0.33	58.59	2.77	0.0	0.0	0.0	0.0	0.0
21	75.08	79.93	41.12	7.04	0.17	123.76	2.56	0.0	0.0	0.0	0.0	0.0
22	94.40	72.18	36.27	7.75	0.07	103.57	1.24	0.0	0.0	0.0	0.0	0.0
23	139.09	73.30	34.07	16.49	0.02	46.83	0.56	0.0	0.0	0.0	0.0	0.04
24	122.09	72.80	27.07	17.25	0.00	15.58	0.30	0.0	0.0	0.0	0.0	1.67
25	92.93	70.13	24.26	13.18	0.0	33.67	2.86	0.0	0.0	0.0	0.0	1.81
26	81.52	69.60	25.52	7.27	0.0	285.57	8.55	0.0	0.0	0.0	0.0	1.40
27	65.35	104.58	24.49	4.32	0.0	305.52	4.39	0.0	0.0	0.0	0.0	0.81
28	59.09	133.97	33.17	2.84	0.0	294.58	2.16	0.02	0.0	0.0	0.0	0.67
29	57.55	107.98	60.30	1.97	0.0	229.28	1.43	0.06	0.0	0.0	0.0	0.55
30	65.77	70.48	3.53	0.0	0.0	119.81	0.89	0.01	0.0	0.0	0.0	0.56
31	72.50		369.28		0.0		10.74	0.00		0.0		0.99
MEAN	103.54	153.83	66.85	46.67	1.62	53.52	21.70	2.04	0.0	0.0	0.0	0.27
INCHES	2.703	3.742	1.738	1.174	0.042	1.357	0.564	0.053	0.0	0.0	0.0	0.007
STA AV	1.448	2.260	3.195	1.547	1.209	1.211	0.941	1.425	0.436	0.114	0.071	0.822

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.000877998. STA AV based on 4 yr (1969-72) record period.

1973	MEAN DAILY DISCHARGE (cfs)					TIPTON, GEORGIA LITTLE FIVER WATERSHED F						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.4	68.4	59.4	1073.8	84.8	44.5	82.3	4.3	4.2	0.0	0.0	0.0
2	13.7	290.0	57.0	606.3	68.6	33.1	21.7	4.8	12.9	0.0	0.0	0.0
3	27.2	445.1	54.1	326.6	60.9	21.0	10.4	39.2	7.6	0.0	0.0	0.0
4	28.3	259.5	57.1	515.6	55.1	13.1	10.3	43.6	3.7	0.0	0.0	0.0
5	24.5	151.3	60.7	312.0	49.4	8.3	6.5	44.1	1.8	0.0	0.0	0.0
6	24.8	115.3	59.4	184.1	46.8	6.2	3.4	115.1	1.4	0.7	0.0	0.0
7	25.1	100.3	62.5	155.6	36.6	12.7	2.5	55.9	0.9	0.7	0.0	0.0
8	53.0	93.0	57.6	690.0	40.5	24.4	2.2	131.0	0.5	0.4	0.0	0.0
9	93.4	186.9	62.1	349.4	119.0	83.9	17.5	110.8	0.2	0.1	0.0	0.0
10	96.0	676.8	100.5	191.3	135.2	69.7	152.0	40.8	2.0	0.0	0.0	0.0
11	76.6	501.9	90.2	129.5	85.3	78.7	98.4	18.3	54.1	0.0	0.0	0.0
12	62.0	272.7	71.3	103.9	40.9	57.6	26.5	11.4	29.2	0.0	0.0	0.0
13	52.6	204.1	80.2	91.4	25.7	47.0	16.0	7.1	9.8	0.0	0.0	0.0
14	47.3	188.3	71.9	81.6	20.9	36.1	66.3	4.9	7.4	0.0	0.0	0.0
15	42.1	261.1	56.2	73.4	15.8	40.0	86.4	4.1	22.3	0.0	0.0	0.0
16	39.4	286.3	45.2	68.9	11.9	49.8	56.9	4.9	10.5	0.0	0.0	0.0
17	37.1	184.3	55.3	62.1	8.9	54.4	28.7	10.8	4.3	0.0	0.0	0.0
18	35.7	130.0	80.5	59.7	6.7	63.3	32.6	34.2	2.3	0.0	0.0	0.0
19	53.7	110.5	79.0	57.1	5.9	49.6	28.8	15.0	1.5	0.0	0.0	0.4
20	85.5	100.1	53.6	52.7	4.6	33.2	30.5	9.5	1.1	0.0	0.0	0.8
21	87.6	92.8	43.1	48.1	6.6	38.5	15.5	4.6	1.0	0.0	0.0	0.7
22	94.8	85.8	42.2	43.4	6.3	24.9	8.1	3.6	0.6	0.0	0.0	0.6
23	118.9	81.1	36.5	37.0	6.5	55.0	4.3	2.9	0.3	0.0	0.0	0.5
24	108.2	76.2	30.6	31.0	4.5	113.9	2.7	1.6	0.1	0.0	0.0	0.5
25	80.5	70.2	51.2	46.4	3.3	73.1	2.0	0.9	0.1	0.0	0.0	0.5
26	65.9	68.8	104.6	370.8	5.2	27.2	2.1	0.6	0.2	0.0	0.0	0.7
27	89.1	68.3	110.8	545.3	74.7	18.1	10.7	0.3	0.2	0.0	0.0	1.1
28	111.5	65.1	76.4	377.5	93.3	10.9	35.3	0.3	0.1	0.0	0.0	2.2
29	118.0		64.7	178.1	64.0	23.2	32.0	0.4	0.1	0.0	0.0	1.9
30	106.1		114.0	113.9	58.3	95.4	18.6	0.2	0.0	0.0	0.0	10.5
31	81.1		260.6		61.6		8.2	0.5		0.0		17.1
MEAN	63.95	186.99	72.52	247.18	42.19	43.63	29.69	23.41	6.02	0.08	0.0	1.21
INCHES	1.664	4.391	1.885	6.219	1.097	1.098	0.772	0.609	0.151	0.002	0.0	0.032
STA AV	1.491	2.686	2.933	2.482	1.187	1.188	0.907	1.261	0.379	0.092	0.057	0.664

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.000877998. STA AV based on 5 yr (1969-73) record period.



1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	48.66	62.95	71.16	104.07	3.23	0.73	0.01	5.75	10.43	7.39	0.03E	2.95
2	62.38	43.65	68.98	114.25	2.70	0.38	0.01	28.73	8.56	4.63	0.01E	11.17
3	41.38	44.21	67.12	179.75	2.56	0.27	10.78	46.55	4.76	2.51	0.00E	8.82
4	25.46	61.73	65.46	153.16	1.62	2.50	29.17	17.95	4.02	1.69	0.00E	5.15
5	20.40	61.08	57.48	521.32	1.20	12.50	14.05	18.05	4.08	1.55	0.0 E	3.67
6	19.80	46.84	52.85	387.78	2.32	37.46	8.06	175.38	95.37	1.61	0.0	2.81
7	19.06	315.28	48.72	150.65	2.16	26.04	3.4E	196.69	334.35	1.00	0.0	2.53
8	16.03	865.92	45.32	124.37	1.26	17.05	2.15	177.16	247.67	0.68	0.0	2.88
9	13.82	380.30	41.94	152.75	0.66	7.55	1.65	106.24	213.46	0.49	0.0	4.31
10	12.96	201.96	41.33	134.74	0.33	3.75	5.84	45.49	149.17	0.35	0.0	4.70
11	20.70	135.22	38.95	98.89	0.26	2.02	1.75	26.96	102.51	0.23	0.0	3.67
12	60.84	108.60	35.82	73.67	53.98	1.02	0.33	18.43	63.44	0.15	0.0	3.11
13	51.32	95.44	33.54	63.77	67.65	0.43	0.07	18.80	49.48	0.09	0.0	2.75
14	40.14	87.95	29.94	66.10	34.61	0.31	0.01	24.55	32.50	0.05	0.0	2.66
15	25.62	87.33	26.12	90.13	15.27	0.76	0.0 1	32.12	26.47	0.04	0.0	2.58
16	23.93	231.19	28.57	83.84	7.51	40.67	0.0	54.29	21.49	0.78	0.0	4.39
17	22.03	423.81	57.61	76.18	6.65	43.46	0.0	30.07	18.18	1.58	0.0	5.47
18	21.54	274.04	31.37	52.37	9.10	10.78	0.0	27.45	17.04	1.81	0.0	7.65
19	20.18	252.66	30.56	38.14	5.54	4.44	0.0	25.16	23.37	2.12	0.0	5.47
20	20.97	371.91	77.29	31.69	3.03	2.27	0.19	13.68	16.59	1.32	0.09	7.61
21	30.52	263.79	84.22	26.03	1.52	2.48	1.47	9.15	12.68	0.81	0.90	36.57
22	33.47	183.87	114.20	22.98	0.83	2.54	0.91	37.15	10.07	0.53	2.48	60.82
23	29.49	151.43	54.09	21.33	0.50	4.51	0.25	94.92	8.16	0.35	2.22	36.75
24	24.84	122.59	56.77	20.14	0.36	6.36	0.16	21.54	6.29	0.23	2.46	17.48
25	21.65	100.75	58.33	15.96	9.43	2.56	2.15	11.40	4.81	0.15	3.83	14.07
26	15.72	81.58	165.74	12.05	21.20	1.34	4.25	7.54	4.56	0.10	1.25	12.21
27	17.53	74.97	127.51	10.31	18.15	0.69	15.77	5.10	10.56	0.07	0.83	10.33
28	16.46	71.99	148.90	7.41	8.34	0.54	26.85	3.44	22.05	0.25	0.67	9.13
29	17.48		155.66	5.65	4.71	0.24	8.51	2.34	17.77	0.19	0.60	9.38
30	62.19		333.06	4.84	2.58	0.08	3.40	1.57	11.72	0.09	0.96	10.69
31	86.15		220.10		1.53		1.95	1.07		0.05E		10.06
MEAN	30.67	185.80	82.85	97.46	9.38	7.90	4.63	41.44	51.71	1.08	0.54	10.52
INCHES	0.797	4.363	2.154	2.452	0.244	0.199	0.121	1.077	1.301	0.028	0.014	0.274
STA AV	1.376	2.965	2.803	2.477	1.030	1.023	0.776	1.231	0.533	0.081	0.050	0.599

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00087998. STA AV based on 6 yr (1969-74) record period.

1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED F												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	9.5	59.6	54.2	95.3	73.8	80.6	4.3	38.0	9.2	0.0	0.1	1.0
2	8.3	56.4	62.2	111.1	67.3	67.3	3.0	99.1	3.8	0.2	0.1	2.2
3	7.2	76.9	66.9	104.9	56.8	53.8	1.0	269.8	1.8	0.3	0.0	2.8
4	7.5	103.4	54.1	92.2	65.0	25.3	0.4	114.9	0.9	0.3	0.0	2.1
5	11.3	103.2	47.5	66.7	49.7	13.6	0.1	59.2	0.4	0.8	0.0	1.8
6	13.7	87.4	45.8	48.9	34.4E	7.3	0.0	28.9	0.2	1.1	0.0	1.6
7	11.1	71.3	42.5	42.1	29.1E	3.8	0.0	20.5	0.1	1.3	0.0	1.3
8	17.4	58.9	52.5	36.9	31.1E	2.1	1.8	25.8	0.3	1.2	0.4	2.3
9	50.9	49.8	53.7	37.1	47.3E	1.9	17.6	29.7	0.3	2.7	0.6	5.4
10	62.0	46.0	40.1	284.6	41.8	2.6	6.5	80.4	0.1	2.1	1.4	7.9
11	66.3	44.9	34.9	678.1	32.7	6.8	5.4	51.5	0.0	1.3	3.0	6.0
12	93.6	46.2	33.5	343.2	24.6	24.8	21.9	25.2	0.0	0.7E	3.1	4.9
13	250.7	47.3	34.1	184.5	20.9	38.2	38.7	18.4	0.0	0.6E	5.5	3.8
14	244.4	46.6	36.9	281.6	27.7	40.6	37.6	13.4	0.0	0.8E	5.7	3.0
15	139.9	39.7	44.5	1604.1E	61.0	21.1	102.8	9.9	0.0	0.2	3.3	2.4
16	91.2	41.2	192.8	579.7	130.6	13.3	153.1	10.7	0.0	0.1	2.0	2.2
17	68.1	74.7	546.8	243.0	223.6	9.0	101.7	5.2	0.0	5.3	1.3	3.4
18	60.8	118.1	380.3	160.8	227.3	4.8	68.5	4.1	0.0	27.3E	0.9	11.7
19	59.8	126.6	772.4	124.5	123.4	2.8	60.5	2.1	0.1	12.2E	1.2	12.5
20	132.3	130.4	445.2	191.7	61.2	4.6	42.0	1.6	1.0	5.0E	0.8	8.6
21	174.5	120.5	212.0	174.6	34.4	3.7	25.9	10.0	0.7	3.1	0.6	6.4
22	118.3	97.2	146.0	115.0	25.1	1.6	81.6	6.6	0.5	2.0	0.5	5.0
23	120.7	126.0	126.6	84.8E	19.9	1.1	64.5	3.0	0.4	1.6	0.5	4.1
24	149.8	136.6	117.4	72.6E	15.7	0.6	68.5	1.7	0.4	1.2	0.4	3.5
25	150.5	120.8	186.6	67.0E	11.5	0.8	25.7	1.0	0.2	0.8	0.4	3.6
26	165.1	90.9	171.7	62.0E	9.5	19.0	12.3	0.4	0.1	0.6E	0.4	19.5
27	130.2	68.1	124.3	57.2E	8.8	31.7	8.5	0.2	0.0	0.4E	0.4	29.8
28	96.1	56.9	89.9	52.7E	7.0	22.6	10.5	0.6	0.0	0.3E	0.5	21.4
29	80.0		76.3	54.4E	4.6	7.5	16.4	2.7	0.0	0.3	0.7	14.5
30	71.0		74.3	119.6	4.4	8.4	35.7	7.3	0.0	0.2	0.6	13.5
31	64.6		82.4		15.7		41.5	12.9		0.2		35.6
MEAN	87.55	80.18	143.61	205.68	51.21	17.52	34.17	30.79	0.69	2.39	1.15	7.87
INCHES	2.287	1.883	3.734	5.175	1.331	0.441	0.886	0.801	0.017	0.062	0.025	0.205
STA AV	1.506	2.811	2.936	2.862	1.073	0.940	0.792	1.169	0.459	0.078	0.047	0.543

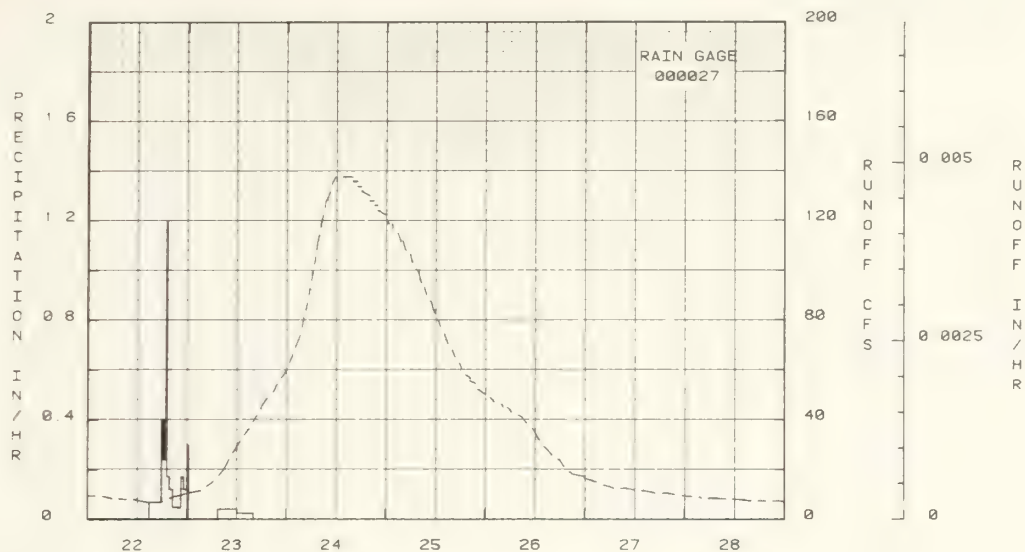
NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00087598. STA AV based on 7 yr (1969-75) record period.

1969 SELECTED SUBCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F							
ANTECEDENT CONDITIONS			RAINFALL				SUBCFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF AUGUST 21 - 28, 1969										
RG 000027			RG 000027							
8-22	0.0		8-22	1454	0.0	0.0	8-21	2400	9.626	0.0
8-21		0.014		1620	0.0698	0.10	8-22	340	9.252	0.0012
				1745	0.0706	0.20		545	8.533	0.0012
				1800	0.4000	0.30		1120	7.845	0.0023
				1815	0.4000	0.40		1430	6.850	0.0023
WATERSHED CONDITIONS:				1840	0.2400	0.50		1810	7.201	0.0025
Residential, 1.8%; forest,				1855	0.4000	0.60		2035	9.252	0.0025
43.7%; commercial, 1.1%;				1905	1.2000	0.80		2335	10.401	0.0027
water, 1.8%; crops, 32.3%;				1940	0.1714	0.90		2400	10.803	0.0026
wetland, 1.4%; pasture,				2030	0.1200	1.00	8-23	315	11.635	0.0036
17.1%; roads, 0.8%.				2235	0.0480	1.10		625	15.362	0.0038
				2310	0.1714	1.20		850	19.756	0.0042
				2400	0.1200	1.30		1005	24.168	0.0044
			8-23	20	0.3000	1.40		1250	31.521	0.0045
				725	0.0	1.40		1500	36.516	0.0048
				950	0.0425	1.50		1700	41.980	0.0055
				1210	0.0429	1.60		1810	45.851	0.0057
				1610	0.0250	1.70		1925	48.965	0.0060
								2045	51.091	0.0075
								2145	54.375	0.0078
								2310	57.797	0.0083
							8-24	2400	60.149	0.0097
								130	66.287	0.0101
								315	74.153	0.0103
								410	81.134	0.0110
								500	87.005	0.0115
								620	95.527	0.0121
								725	111.362	0.0130
								845	122.176	0.0137
								920	127.820	0.0148
								1025	131.672	0.0179
								1055	135.556	0.0166
								1135	137.585	0.0154
								1540	137.585	0.0391
								1545	135.556	0.0395
								1650	135.556	0.0446
								1655	133.625	0.0450
								1750	133.625	0.0493
								1755	131.672	0.0456
								1950	129.737	0.0584
								1955	127.820	0.0568
								2050	127.820	0.0625
								2055	125.921	0.0632
								2145	125.921	0.0665
								2150	124.040	0.0672
								2345	122.176	0.0755
							8-25	2400	120.330	0.0762
								30	118.502	0.0765
								125	118.502	0.0803
								130	116.651	0.0807
								245	114.857	0.0857
								325	111.362	0.0860
								400	111.362	0.0883
								440	107.855	0.0886
								540	106.188	0.0924
								615	102.824	0.0927
								735	99.527	0.0955
								825	94.708	0.0962
								915	93.134	0.0989
								940	90.037	0.0992
								1050	87.005	0.1015
								1140	82.578	0.1017
								1235	79.706	0.1022
								1310	76.858	0.1024
								1410	74.153	0.1030
								1500	70.151	0.1032
								1605	67.560	0.1040
								1635	65.030	0.1042
								1745	62.560	0.1050
								1820	60.149	0.1051

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000349166.

1969 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF AUGUST 21 - 28, 1969 (CONTINUED)									
							8-25	1920	57.797
								2020	56.644
								2025	55.504
								2135	54.375
								2220	52.173
								2400	50.023
							8-26	110	48.969
								210	46.903
								410	45.851
								415	44.853
								520	44.853
								620	42.936
								840	41.036
								955	38.265
								1125	36.516
								1300	31.521
								1455	27.703
								1600	25.558
								1755	23.521
								1900	20.967
								2100	18.028
								2355	16.930
								2400	16.397
							8-27	255	14.861
								500	13.418
								700	12.507
								955	12.507
								1200	11.635
								1455	11.214
								1700	10.401
								1955	10.401
								2400	9.252
							8-28	355	8.868
								400	8.533
								755	8.533
								800	8.186
								1255	7.849
								1600	7.201
								2255	7.201
								2400	6.850

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.0000349166.



EVENT CP AUGUST 21 - 28, 1969  
TIPTON, GEORGIA LITTLE RIVER WATERSHED F

1970 SELECTED FUNCFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED F							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP MARCH 30 - APRIL 4, 1970										
EG 000027			EG 000027							
3-30	0.60	0.109	3-30	1535	0.0	0.0	3-30	1340	247.897	0.0
				1545	1.2000	0.20		1350	251.981	0.0015
				1550	1.2000	0.30		1500	251.981	0.0117
				1600	0.6000	0.40		1540	251.961	0.0161
				1605	1.2000	0.50		1610	266.250	0.0176
				1615	0.6000	0.60		1630	272.303	0.0192
				1645	0.2000	0.70		1715	272.303	0.0263
				1815	0.0667	0.80		1805	280.402	0.0280
				2100	0.0364	0.90		1905	284.446	0.0378
				2110	0.6000	1.00		1955	256.561	0.0395
				2255	0.0571	1.10		2035	304.626	0.0413
				2400	0.0461	1.15		2055	304.626	0.0448
			3-31	110	0.0429	1.20		2135	324.750	0.0476
				145	0.1714	1.30		2235	344.967	0.0456
				225	0.1500	1.40		2345	381.412	0.0540
				230	1.2001	1.50		2400	385.476	0.0574
				240	0.6000	1.60	3-31	50	414.027	0.0621
				250	0.5999	1.70		140	434.542	0.0659
				305	0.4000	1.80		215	451.042	0.0698
								335	509.437	0.0855
								355	522.093	0.0870
								540	616.542	0.1218
								630	678.230	0.1257
								700	718.562	0.1298
								730	763.955	0.1320
								755	805.448	0.1344
								1110	1187.010	0.2474
								1200	1275.383	0.2621
								1240	1333.531	0.2696
								1255	1354.865	0.2737

WATERSHED CONDITIONS:  
Residential, 1.8%; forest,  
43.7%; commercial, 1.1%;  
water, 1.8%; crops, 32.3%;  
wetland, 1.4%; pasture,  
17.1%; roads, 0.8%.

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000345166.



1970			TIFTON, GEORGIA LITTLE RIVER WATERSHED F								
SELECTED RUNOFF EVENT											
ANTECEDENT CONDITIONS			FAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF MARCH 30 - APRIL 4, 1970 (CONTINUED)											
							3-31	1325	1387.049	0.2976	
								1425	1441.184	0.3143	
								1510	1463.009	0.3228	
								1550	1468.479	0.3313	
								1635	1473.956	0.3870	
								1800	1468.479	0.4384	
								1835	1452.083	0.4426	
								1905	1441.184	0.4468	
								2000	1424.876	0.4676	
								2030	1408.626	0.4717	
								2110	1352.435	0.4757	
								2155	1376.297	0.4918	
								2220	1360.210	0.4957	
								2320	1333.531	0.5074	
								2400	1312.300	0.5189	
							4- 1	50	1280.635	0.5226	
								135	1254.425	0.5263	
								215	1223.177	0.5334	
								235	1212.812	0.5369	
								310	1181.870	0.5435	
								340	1161.366	0.5472	
								430	1115.615	0.5670	
								435	1115.615	0.5702	
								510	1060.386	0.5926	
								520	1075.382	0.5989	
								615	1020.739	0.6324	
								620	1020.739	0.6354	
								925	842.747	0.7357	
								1035	777.750	0.7614	
								1115	741.157	0.7723	
								1145	718.562	0.7744	
								1310	642.825	0.8081	
								1315	642.825	0.8100	
								1405	599.146	0.8280	
								1410	599.146	0.8258	
								1455	560.374	0.8450	
								1515	551.823	0.8466	
								1615	509.437	0.8496	
								1705	484.281	0.8510	
								1810	451.042	0.8523	
								1910	426.323	0.8535	
								2010	405.850	0.8547	
								2105	353.614	0.8570	
								2155	377.351	0.8581	
								2305	365.187	0.8656	
								2325	357.092	0.8666	
								2400	353.048	0.8687	
							4- 2	55	344.967	0.8778	
								125	336.892	0.8788	
								240	328.823	0.8884	
								320	320.758	0.8893	
								455	312.694	0.9012	
								540	304.626	0.9021	
								710	296.561	0.9117	
								755	288.487	0.9125	
								905	268.487	0.9184	
								910	284.446	0.9192	
								1045	280.402	0.9348	
								1135	276.354	0.9405	
								1140	272.303	0.9413	
								1230	272.303	0.9492	
								1235	268.250	0.9500	
								1445	264.153	0.9701	
								1500	260.125	0.9709	
								1600	260.125	0.9800	
								1605	256.058	0.9807	
								1715	256.058	0.9911	
								1720	251.981	0.9919	
								1825	251.981	1.0014	
								1830	247.897	1.0021	
								2120	243.805	1.0265	
								2125	239.703	1.0272	
								2355	239.703	1.0481	
								2400	235.552	1.0486	
							4- 3	115	235.592	1.0549	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000349166.

1970	SELECTED FLOOD EVENT					TIFTON, GEORGIA LITTLE RIVER WATERSHED F						
ANTECEDENT CONDITIONS			RAINFALL				FLOOD					
Date	Rainfall	Flood	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	Mo-Day	(inches)		
EVENT OF MARCH 30 - APRIL 4, 1970 (CONTINUED)												
							4- 3	150	239.703	1.0556		
								225	235.562	1.0597		
								650	235.592	1.0940		
								655	231.470	1.0947		
								1000	227.337	1.1194		
								1015	223.191	1.1201		
								1145	223.151	1.1317		
								1205	219.031	1.1324		
								1315	219.031	1.1413		
								1340	214.856	1.1415		
								1710	210.666	1.1675		
								1715	206.456	1.1685		
								1900	206.456	1.1811		
								1905	202.228	1.1817		
								2035	202.228	1.1923		
								2040	197.978	1.1929		
								2345	193.706	1.2140		
								2400	189.408	1.2151		
							4- 4	115	189.408	1.2234		
								120	185.084	1.2239		
								245	185.084	1.2330		
								250	180.725	1.2336		
								550	176.342	1.2523		
								555	171.921	1.2528		

1971	SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER				WATERSHED F		
ANTECEDENT CONDITIONS			FAINFALL				RUNCFF			
Date Mo-Day	Rainfall (inches)	Runcff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF DECEMBER 19 - 28, 1971										
RG 000027			RG 000027							
12-20	0.0		12-20	629	0.0	0.0	12-19	2400	33.135	0.0
12-19		0.030		655	0.2307	0.10	12-20	730	33.135	0.0087
				720	0.2400	0.20		1000	40.106	0.0091
				735	0.4000	0.30		1235	58.966	0.0056
				815	0.1500	0.40		1335	66.268	0.0104
WATERSHED CONDITIONS:				830	0.4000	0.50		1755	152.019	0.0269
Residential, 1.8%; forest,				845	0.4000	0.60		1905	171.921	0.0284
43.7%; commercial, 1.1%;				910	0.2400	0.70		1950	193.706	0.0300
water, 1.8%; crops, 32.3%;				930	0.3000	0.80		2110	214.857	0.0313
wetland, 1.4%; pasture,				945	0.4000	0.90		2210	223.151	0.0358
17.1%; roads, 0.8%.				1000	0.4000	1.00		2250	231.471	0.0371
				1020	0.3000	1.10		2400	235.592	0.0419
				1045	0.2400	1.20	12-21	50	239.703	0.0468
				1055	1.2000	1.40		100	243.805	0.0482
				1150	0.1091	1.50		140	243.805	0.0535
				1300	0.0857	1.60		150	247.857	0.0553
				1330	0.2000	1.70		235	247.897	0.0618
				1345	0.4000	1.80		245	251.982	0.0633
				1410	0.2400	1.90		410	256.058	0.0758
				1430	0.3000	2.00		450	264.153	0.0773
				1505	0.1714	2.10		620	276.354	0.0829
				1900	0.0255	2.20		800	300.594	0.0838
								910	320.758	0.0857
								1040	340.927	0.0906
								1130	353.048	0.0926
								1220	361.135	0.0947
								1310	365.167	0.0990
								1355	373.252	0.1011
								1510	377.351	0.1175
								1520	381.412	0.1157
								1625	381.412	0.1341
								1635	385.476	0.1364
								1845	385.476	0.1655
								1850	381.412	0.1667
								2005	381.412	0.1833
								2010	377.351	0.1844
								2205	373.292	0.2095
								2210	365.239	0.2106
								2255	369.239	0.2203
								2300	365.167	0.2213
								2345	365.187	0.2309
							12-22	2400	361.135	0.2330
								40	357.092	0.2340
								210	353.048	0.2526
								215	349.006	0.2537
								300	349.006	0.2628
								305	344.967	0.2638
								350	344.967	0.2728
								355	340.927	0.2738
								525	336.852	0.2916
								610	328.823	0.2926
								650	328.823	0.3002
								655	324.750	0.3012
								815	320.758	0.3162
								830	316.726	0.3171
								915	316.726	0.3254
								920	312.694	0.3263
								1005	312.694	0.3345
								1010	308.662	0.3354
								1130	304.626	0.3497
								1210	296.561	0.3506
								1240	292.522	0.3514
								1350	268.487	0.3633
								1430	280.402	0.3641
								1505	276.354	0.3649
								1620	272.304	0.3769
								1705	264.193	0.3776
								1815	260.125	0.3829
								1820	256.058	0.3837
								1935	251.982	0.3948

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000345166.

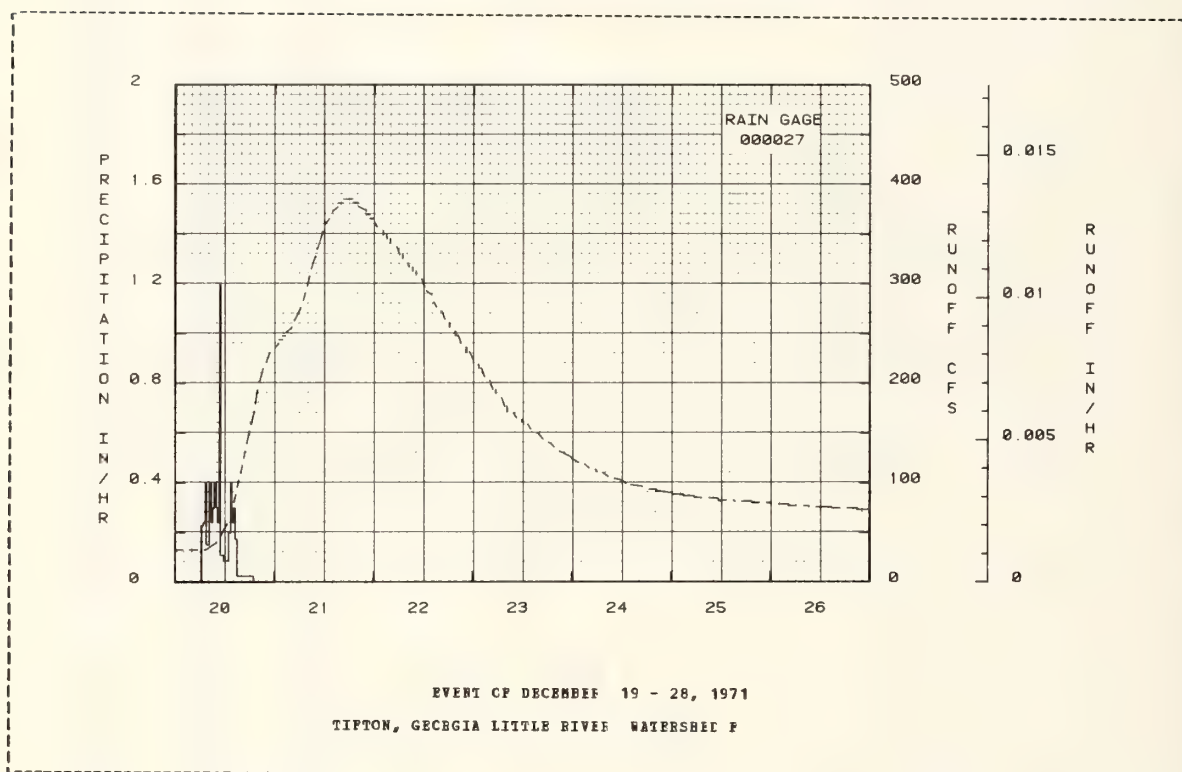
1971 SELECTED RUNCFF EVENT			TIPICW, GEORGIA LITTLE FIVER WATERSHED F					
ANTECEDENT CONDITIONS			RAINFALL			RUNCFF		
Date	Painfall	Runoff	Date	Time	Intensity	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs) (inches)
EVENT OF DECEMBER 19 - 28, 1971 (CONTINUED)								
				12-22		1940	247.857	0.3955
						2020	247.857	0.4013
						2100	239.703	0.4020
						2220	235.552	0.4116
						2225	231.471	0.4123
						2305	231.471	0.4177
						2400	223.191	0.4190
				12-23		115	219.032	0.4287
						120	214.857	0.4293
						200	214.857	0.4343
						240	206.456	0.4349
						400	202.228	0.4444
						445	193.706	0.4450
						525	193.706	0.4484
						530	189.408	0.4489
						655	185.084	0.4562
						735	176.342	0.4587
						815	176.342	0.4618
						820	171.921	0.4623
						950	169.634	0.4712
						1030	165.117	0.4717
						1150	162.887	0.4746
						1155	160.675	0.4750
						1315	158.483	0.4825
						1355	154.155	0.4829
						1540	149.902	0.4886
						1700	143.661	0.4890
						1850	139.592	0.4919
						1935	135.596	0.4923
						2100	131.672	0.4927
						2345	125.921	0.4986
				12-24		2400	124.040	0.4993
						130	120.330	0.4996
						305	118.502	0.5062
						405	114.857	0.5066
						545	113.121	0.5099
						550	111.362	0.5102
						735	109.620	0.5170
						840	106.188	0.5173
						1145	102.824	0.5245
						1305	99.527	0.5248
						1415	97.904	0.5251
						1700	96.296	0.5344
						1840	93.134	0.5347
						2025	93.134	0.5404
						2030	91.577	0.5406
						2400	90.037	0.5517
				12-25		35	88.513	0.5520
						255	88.513	0.5592
						300	87.005	0.5595
						530	87.005	0.5671
						535	85.513	0.5673
						1125	84.038	0.5846
						1130	82.578	0.5848
						1510	82.578	0.5954
						1525	81.134	0.5956
						1930	81.134	0.6072
						1935	79.706	0.6074
						2400	79.706	0.6197
				12-26		15	78.255	0.6204
						425	78.255	0.6318
						430	76.858	0.6320
						920	76.858	0.6450
						925	75.518	0.6452
						1445	75.518	0.6593
						1505	74.153	0.6595
						2105	74.153	0.6750
						2110	72.804	0.6752
						2400	72.804	0.6824
				12-27		830	71.470	0.7039
						835	70.151	0.7041
						1420	70.151	0.7181
						1425	68.848	0.7183
						1935	68.848	0.7308
						1940	67.560	0.7310

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000349166.



1971	SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 19 - 28, 1971 (CONTINUED)										
							12-27	2400	67.560	0.7412
							12-28	705	66.288	0.7577
								710	65.030	0.7579
								1135	65.030	0.7680
								1150	63.787	0.7681
								1855	63.787	0.7839
								1900	62.560	0.7841
								2400	62.560	0.7950

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000345166.

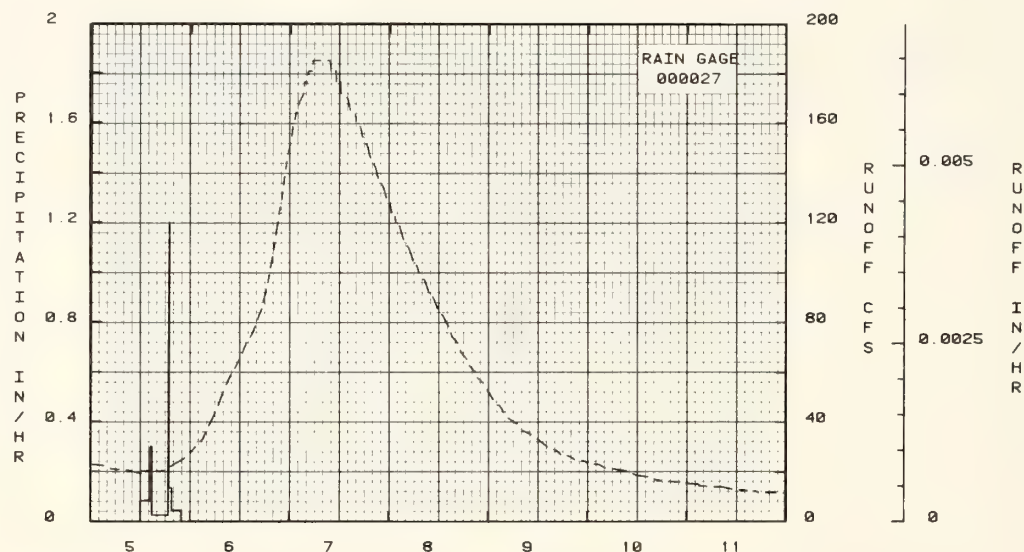


1972 SELECTED FUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F					
ANTECEDENT CONDITIONS			FAIRFALL			FUNCFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)
Acc. (inches)								
EVENT CP JULY 4 - 11, 1972								
EG 000027			EG 000027					
7- 5	0.0		7- 5	1204	0.0	7- 4	2400	22.865
7- 4		0.024		1315	0.0845	7- 5	310	22.221
				1425	0.0857		505	20.967
				1445	0.3000		920	20.357
				1845	0.0250		1210	19.171
								0.0050
WATERSHED CONDITIONS:								
Residential, 1.8%; forest,				1850	1.1999		1215	20.357
43.7%; commercial, 1.1%;				1535	0.1333		1755	20.357
water, 1.8%; crops, 32.3%;				2150	0.0444		2005	22.865
wetland, 1.4%; pasture,							2245	25.558
17.1%; roads, 0.8%.							2400	27.703
								0.0082
						7- 6	300	33.135
							605	43.909
							800	52.173
							950	58.966
							1150	65.030
								0.0102
							1330	71.470
							1500	75.518
							1710	85.513
							1820	93.134
							1945	106.188
								0.0131
							2105	120.330
							2225	135.556
							2325	147.803
							2400	152.019
						7- 7	35	158.483
								0.0179
							150	167.366
							310	171.921
							320	176.342
							405	176.342
							415	180.729
								0.0310
							515	180.729
							525	185.084
							935	185.084
							940	180.729
							1055	180.729
								0.0659
								0.0737
							1100	176.342
							1200	176.342
							1205	171.921
							1345	165.654
							1425	165.117
								0.0914
							1540	162.867
							1545	160.675
							1645	158.483
							1725	154.155
							1845	149.902
								0.1012
								0.1060
							1915	145.723
							2040	141.617
							2110	137.585
							2235	133.625
							2305	129.737
								0.1157
							2400	127.820
						7- 8	30	124.040
							120	122.176
							125	120.330
							220	118.502
								0.1197
								0.1235
							320	113.121
							440	105.620
							540	104.497
							635	102.824
							710	99.527
								0.1307
								0.1310
							835	96.298
							935	91.577
							1035	90.037
							1140	85.513
							1300	82.578
								0.1341
								0.1343
								0.1375
								0.1378
								0.1390
							1420	78.295
							1515	74.153
							1635	71.470
							1730	67.560
							1850	65.030
								0.1410
								0.1413
								0.1434
								0.1436
								0.1443

NOTES: To convert runoff in CPS to IIB/BB, multiply by 0.0000345166.

1972 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED F						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
EVENT OF JULY 4 - 11, 1972 (CONTINUED)									
							7- 8	1925	62.560
								2050	60.149
								2125	57.797
								2250	55.504
								2400	52.173
							7- 9	110	48.969
								305	45.851
								340	43.909
								515	41.036
								700	39.189
								820	36.516
								1030	34.800
								1230	32.321
								1415	29.956
								1635	28.442
								1730	26.976
								1935	26.261
								2055	24.867
								2335	24.188
								2400	23.521
							7-10	245	22.865
								420	21.588
								930	20.357
								1200	18.554
								1440	18.028
								1620	16.930
								1805	16.357
								2225	15.874
								2400	15.362
							7-11	305	14.860
								310	14.369
								820	13.888
								1105	12.957
								1655	12.066
								1725	11.635
								2150	11.635
								2400	11.214

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000345166.



EVENT OF JULY 4 - 11, 1972  
TIPTON, GEORGIA LITTLE RIVER WATERSHED F

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000349166.



1973			TIFTON, GEORGIA LITTLE RIVER WATERSHED F								
SELECTED RUNOFF EVENT											
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF APRIL 24 - MAY 2, 1973 (CONTINUED)											
							4-28	545	451.042	0.4664	
								650	430.433	0.4677	
								745	409.936	0.4685	
								840	357.687	0.4712	
								930	381.412	0.4723	
								1025	365.239	0.4734	
								1110	357.092	0.4744	
								1200	349.006	0.4774	
								1230	340.927	0.4784	
								1315	336.852	0.4873	
								1400	324.750	0.4883	
								1500	316.726	0.4910	
								1525	308.662	0.4915	
								1605	300.594	0.4928	
								1650	296.561	0.4954	
								1655	292.523	0.4963	
								1745	288.487	0.5047	
								1820	280.402	0.5055	
								1940	272.305	0.5143	
								2020	264.153	0.5151	
								2120	260.126	0.5196	
								2125	256.058	0.5204	
								2230	251.982	0.5300	
								2310	243.805	0.5307	
								2400	239.703	0.5328	
							4-29	55	235.592	0.5404	
								140	227.337	0.5411	
								335	219.032	0.5507	
								420	210.666	0.5513	
								500	210.666	0.5562	
								505	206.456	0.5568	
								630	202.228	0.5670	
								635	157.979	0.5675	
								715	197.979	0.5721	
								720	193.706	0.5727	
								805	193.706	0.5778	
								810	189.408	0.5783	
								940	185.084	0.5882	
								945	180.729	0.5887	
								1025	180.729	0.5925	
								1030	176.342	0.5934	
								1115	176.342	0.5980	
								1120	171.921	0.5985	
								1245	169.634	0.6070	
								1415	165.117	0.6104	
								1505	160.675	0.6108	
								1655	156.310	0.6136	
								1740	152.015	0.6140	
								1935	147.803	0.6170	
								2025	143.660	0.6174	
								2150	139.592	0.6178	
								2325	137.585	0.6214	
								2400	135.596	0.6238	
							4-30	110	131.672	0.6242	
								255	129.737	0.6284	
								300	127.820	0.6287	
								455	125.921	0.6372	
								600	122.176	0.6376	
								925	118.502	0.6463	
								1040	114.897	0.6466	
								1255	113.121	0.6509	
								1300	111.362	0.6512	
								1455	109.620	0.6586	
								1605	106.188	0.6589	
								1920	102.824	0.6668	
								2035	99.527	0.6670	
								2400	96.298	0.6747	
							5- 1	130	93.134	0.6749	
								255	91.577	0.6752	
								620	90.037	0.6860	
								625	88.513	0.6863	
								820	88.513	0.6922	
								825	87.005	0.6925	
								1030	87.005	0.6988	
								1035	85.513	0.6991	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000349166.



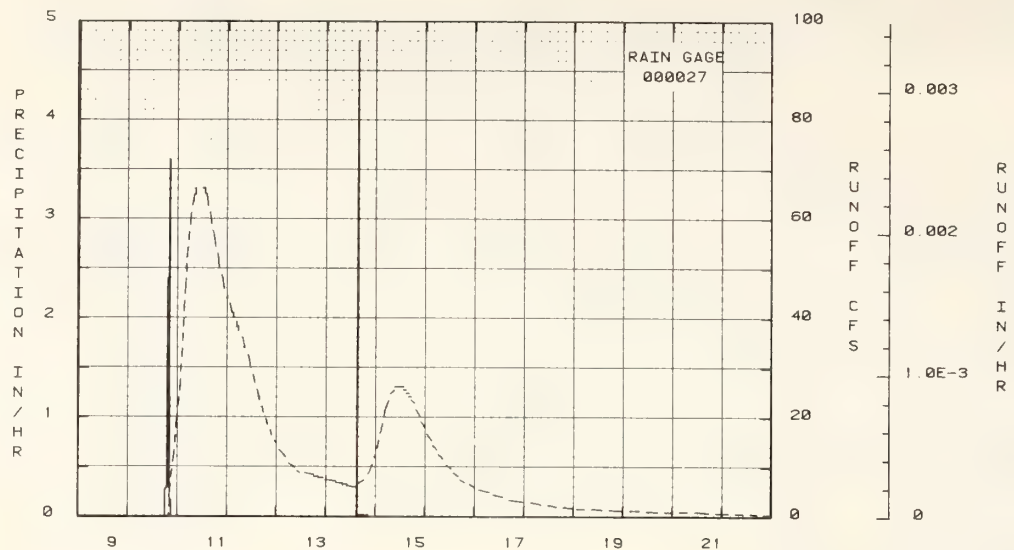
1973 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 8 - 22, 1973										
BG 000027			BG 000027							
9-10	0.0		9-10	1809	0.0	0.0	9- 8	2400	0.315	0.0
5- 8		0.000		1830	0.2857	0.10	9- 9	1710	0.141	0.0
				1910	0.3000	0.30		2400	0.116	0.0000
				1920	2.4001	0.70	9-10	1930	0.053	0.0000
				1940	0.3000	0.80		1955	0.664	0.0000
WATERSHED CONDITIONS:				1945	2.4000	1.00		2105	8.166	0.0000
Residential, 1.8%; forest,				1950	3.6000	1.30		2215	12.066	0.0002
43.7%; commercial, 1.1%;				1955	2.4000	1.50		2400	20.967	0.0003
water, 1.8%; crops, 32.3%;				2000	3.6000	1.80	9-11	115	26.261	0.0005
wetland, 1.4%; pasture,				2005	1.2001	1.90		215	33.561	0.0006
17.1%; roads, 0.8%.				2020	1.2000	2.20		305	41.980	0.0011
				2055	0.1714	2.30		350	47.925	0.0018
			9-14	1508	0.0	2.30		450	54.375	0.0023
				1510	3.0002	2.40		550	56.566	0.0026
				1515	4.7599	2.60		625	61.347	0.0029
				1520	1.2001	2.90		715	63.767	0.0033
				1525	1.1599	3.00		750	65.030	0.0037
				2035	0.0194	3.10		825	65.030	0.0050
								835	66.288	0.0054
								1300	66.288	0.0156
								1305	65.030	0.0158
								1345	65.030	0.0173
								1425	62.560	0.0175
								1535	61.347	0.0200
								1605	58.966	0.0202
								1730	56.644	0.0220
								1805	54.379	0.0222
								1930	52.173	0.0239
								2005	50.023	0.0240
								2145	47.925	0.0258
								2230	45.851	0.0260
								2350	44.853	0.0270
								2400	43.909	0.0271
							9-12	120	42.938	0.0292
								210	41.036	0.0293
								255	41.036	0.0303
								300	40.106	0.0305
								435	38.169	0.0327
								440	38.285	0.0328
								525	38.285	0.0338
								530	37.354	0.0339
								745	35.652	0.0357
								835	33.961	0.0358
								1025	32.321	0.0371
								1130	29.956	0.0372
								1255	28.442	0.0376
								1330	26.976	0.0377
								1445	25.558	0.0380
								1550	23.521	0.0380
								1705	22.221	0.0383
								1740	20.967	0.0384
								1900	19.758	0.0386
								1940	18.594	0.0387
								2110	17.474	0.0389
								2150	16.397	0.0390
								2330	15.362	0.0393
								2400	14.860	0.0395
							9-13	130	13.418	0.0395
								425	12.066	0.0401
								610	10.803	0.0402
								905	10.009	0.0409
								1020	9.252	0.0409
								1125	8.888	0.0409
								1400	8.888	0.0417
								1815	8.533	0.0429
								1820	8.186	0.0429
								2025	8.186	0.0435
								2030	7.849	0.0435
								2245	7.849	0.0441
								2400	7.520	0.0444

NOTES: To convert runoff in CFS to I<sup>3</sup>/H<sup>3</sup>, multiply by 0.000345166.

1973 SELECTED FURCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F							
ANTECEDENT CONDITIONS			RAINFALL			FURCFF				
Date	Painfall	Furcuff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 8 - 22, 1973 (CONTINUED)										
							9-14	505	7.201	0.0457
								510	6.850	0.0456
								800	6.850	0.0464
								805	6.587	0.0465
								1025	6.587	0.0470
								1030	6.293	0.0470
								1405	6.007	0.0478
								1600	6.850	0.0478
								1830	7.520	0.0482
								2115	9.252	0.0483
								2350	12.066	0.0464
								2400	12.507	0.0484
							9-15	245	17.474	0.0485
								445	21.588	0.0486
								625	23.521	0.0493
								715	24.867	0.0494
								905	25.558	0.0502
								930	26.261	0.0504
								1335	26.261	0.0541
								1340	25.558	0.0542
								1455	25.558	0.0553
								1510	24.867	0.0554
								1615	24.867	0.0563
								1620	24.188	0.0564
								1720	24.188	0.0572
								1725	23.521	0.0573
								1855	22.865	0.0585
								1945	21.588	0.0586
								2140	20.357	0.0595
								2220	19.171	0.0595
								2400	18.028	0.0602
							9-16	130	16.397	0.0602
								315	15.362	0.0605
								400	14.369	0.0605
								555	13.418	0.0608
								645	12.507	0.0609
								855	11.635	0.0612
								1035	10.401	0.0612
								1300	9.626	0.0615
								1350	8.888	0.0615
								1620	8.186	0.0618
								1720	7.520	0.0618
								1930	6.850	0.0618
								2155	6.587	0.0621
								2400	6.007	0.0625
							9-17	225	5.460	0.0625
								725	4.946	0.0631
								925	4.463	0.0631
								1355	4.010	0.0636
								1710	3.387	0.0636
								2400	3.008	0.0641
							9-18	500	2.829	0.0644
								830	2.491	0.0644
								1325	2.332	0.0648
								1540	2.033	0.0648
								2400	1.760	0.0652
							9-19	155	1.632	0.0652
								930	1.632	0.0657
								1410	1.395	0.0657
								2400	1.264	0.0661
							9-20	810	1.284	0.0665
								1335	1.081	0.0665
								2400	0.987	0.0667
							9-21	15	1.081	0.0667
								1150	1.081	0.0672
								1750	0.816	0.0672
								2400	0.737	0.0672
							9-22	1430	0.595	0.0674
								1725	0.472	0.0674
								2400	0.417	0.0674

NOTES: To convert runoff in CFS to IB/BB, multiply by 0.0000349166.





EVENT OF SEPTEMBER 8 - 22, 1973  
TIPTON, GEORGIA LITTLE RIVER WATERSHED F

1974	SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED F						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 5 - 13, 1974										
BG 000027			EG 000027							
2- 6	0.0		2- 6	1834	0.0	0.0	2- 5	2400	53.269	0.0
2- 5		0.051		1905	0.1535	0.10	2- 6	215	51.091	0.0002
				1935	0.2000	0.20		600	50.023	0.0033
				2000	0.2400	0.30		605	48.969	0.0035
				2030	0.2000	0.40		930	47.929	0.0093
WATERSHED CONDITIONS:			2050		0.6000	0.60		1215	44.853	0.0094
Residential, 1.8%; forest,			2055		1.2000	0.70		1600	42.938	0.0132
43.7%; commercial, 1.1%;			2110		0.4000	0.80		1725	41.036	0.0133
water, 1.8%; crops, 32.3%;			2135		0.2400	0.90		2030	41.980	0.0135
wetland, 1.4%; pasture,			2150		0.4000	1.00		2245	48.969	0.0146
17.1%; roads, 0.8%.			2205		0.4000	1.10		2400	55.504	0.0148
				2230	0.2400	1.20	2- 7	235	71.470	0.0152
				2240	0.6000	1.30		415	90.037	0.0162
				2245	1.2000	1.40		645	125.921	0.0176
				2250	2.4000	1.60		800	141.617	0.0185
				2255	1.2000	1.70		900	162.887	0.0207
				2310	0.4000	1.80		1000	197.979	0.0224
				2400	0.0720	1.86		1040	214.857	0.0231
			2- 7	30	0.0600	1.90		1155	243.805	0.0238
				630	0.0167	2.00		1325	276.354	0.0262
				825	0.0522	2.10		1450	308.662	0.0288
				845	0.3000	2.20		1545	336.892	0.0308
				855	1.8000	2.50		1625	361.135	0.0318
				900	1.2000	2.60		1705	389.542	0.0330
				910	0.6000	2.70		1745	438.663	0.0355
				940	0.2000	2.80		1820	475.939	0.0369
				1035	0.1091	2.90		1900	530.558	0.0399
				1155	0.0750	3.00		1910	539.048	0.0430
				1715	0.0188	3.10		2035	656.053	0.0487
				1800	0.1333	3.20		2115	709.552	0.0548

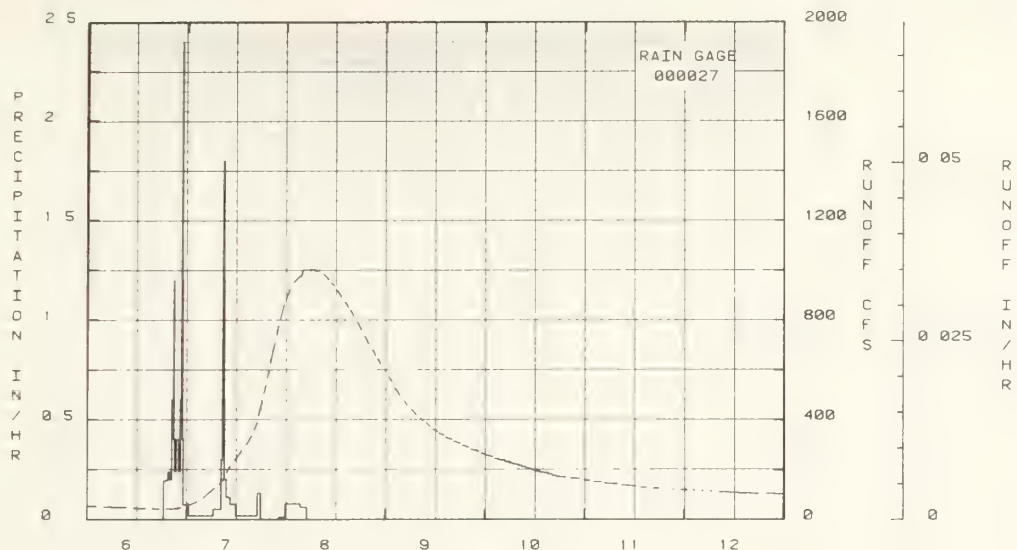
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000349166.

1974 SELECTED FUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F							
ANTECEDENT CONDITIONS			RAINFALL			FUNCFF				
Date	Painfall	Funcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 5 - 13, 1974 (CONTINUED)										
2- 7			2229		0.0	3.20	2- 7	2210	777.752	0.0552
			2400		0.0132	3.22		2255	824.303	0.0640
2- 8			330		0.0800	3.50		2330	861.553	0.0650
			510		0.0600	3.60		2400	885.210	0.0842
							2- 8	50	923.406	0.1001
								205	957.176	0.1057
								315	976.615	0.1114
								330	976.615	0.1195
								355	956.158	0.1257
								420	1001.062	0.1315
								655	1001.062	0.2218
								700	956.158	0.2247
								745	956.158	0.2508
								900	961.450	0.2708
								1010	962.027	0.2848
								1045	947.456	0.2876
								1130	937.842	0.2958
								1230	913.821	0.2965
								1320	889.965	0.3011
								1415	870.959	0.3036
								1500	847.437	0.3061
								1530	836.062	0.3065
								1615	814.735	0.3105
								1705	791.573	0.3132
								1805	759.422	0.3154
								1900	732.123	0.3175
								1950	705.061	0.3156
								2115	669.344	0.3254
								2135	656.053	0.3274
								2210	642.825	0.3252
								2245	620.906	0.3329
								2350	599.146	0.3399
								2400	594.813	0.3416
							2- 9	45	573.241	0.3433
								130	551.823	0.3449
								240	517.866	0.3464
								330	456.833	0.3478
								440	471.779	0.3492
								515	455.177	0.3519
								625	436.663	0.3563
								725	418.122	0.3555
								830	405.850	0.3666
								905	393.614	0.3678
								955	385.476	0.3700
								1050	373.252	0.3766
								1135	361.135	0.3776
								1235	353.048	0.3859
								1305	344.967	0.3869
								1415	336.852	0.3958
								1440	328.823	0.3967
								1605	320.758	0.4061
								1640	312.694	0.4070
								1800	304.626	0.4169
								1840	296.561	0.4177
								2005	288.467	0.4279
								2045	280.402	0.4287
								2230	272.304	0.4399
								2315	264.193	0.4406
								2400	260.125	0.4421
							2-10	35	256.058	0.4425
								155	251.982	0.4547
								240	243.805	0.4554
								320	243.805	0.4611
								325	239.703	0.4618
								500	235.552	0.4750
								505	231.471	0.4756
								550	231.471	0.4817
								555	227.337	0.4824
								635	227.337	0.4877
								640	223.191	0.4883
								810	219.032	0.4999
								815	214.857	0.5005
								900	214.857	0.5062
								905	210.666	0.5068
								950	210.666	0.5123

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000349166.

1974	SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F						
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 5 - 13, 1974 (CONTINUED)										
							2-10	955	206.456	0.5129
								1135	202.228	0.5248
								1140	197.979	0.5254
								1230	157.979	0.5311
								1235	153.706	0.5317
								1320	193.706	0.5368
								1325	189.408	0.5373
								1520	185.084	0.5499
								1525	180.729	0.5504
								1615	180.729	0.5557
								1620	176.342	0.5562
								1720	176.342	0.5623
								1725	171.921	0.5628
								1935	169.634	0.5758
								2050	165.117	0.5762
								2250	162.887	0.5815
								2400	158.483	0.5875
							2-11	120	156.310	0.5911
								220	152.019	0.5916
								400	149.902	0.6004
								500	145.723	0.6008
								755	141.617	0.6103
								905	137.585	0.6107
								1220	133.625	0.6201
								1345	129.737	0.6205
								1500	127.820	0.6209
								1750	125.921	0.6334
								1755	124.040	0.6338
								1935	124.040	0.6410
								1940	122.176	0.6414
								2125	122.176	0.6489
								2130	120.330	0.6492
								2400	118.502	0.6596
							2-12	45	116.651	0.6600
								230	116.651	0.6671
								235	114.857	0.6674
								435	114.897	0.6755
								440	113.121	0.6758
								640	113.121	0.6837
								645	111.362	0.6840
								1100	109.620	0.7004
								1105	107.856	0.7007
								1305	107.856	0.7083
								1310	106.188	0.7086
								1605	106.188	0.7194
								1610	104.497	0.7197
								2150	102.824	0.7402
								2155	101.167	0.7405
								2400	101.167	0.7479
							2-13	35	99.527	0.7482
								330	99.527	0.7583
								335	97.904	0.7586
								1105	96.258	0.7840
								1120	94.708	0.7843
								1555	94.708	0.7995
								1615	93.134	0.7997
								2010	93.134	0.8125
								2025	91.577	0.8127
								2400	90.037	0.8241

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000249166.



EVENT OF FEBRUARY 5 - 13, 1974  
TIPTON, GEORGIA LITTLE RIVER WATERSHED F

1975 SELECTED RUNCFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED F							
ANTECEDENT CONDITIONS			FAINFALL				RUNCFF			
Date	Fainfall	Buncff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF OCTOBER 16 - 30, 1975										
BG 000027			BG 000027							
10-17	0.0		10-17	424	0.0	0.0	10-16	2400	0.043	0.0
10-16		0.000		510	0.1304	0.10	10-17	735	0.053	0.0
				555	0.1333	0.20		930	0.472	0.0
				720	0.0706	0.30		1115	1.760	0.0000
				740	0.3000	0.40		1415	3.194	0.0001
				750	1.2000	0.60		1535	4.233	0.0001
				800	2.4001	1.00		1710	6.850	0.0001
				805	1.1599	1.10		1850	11.214	0.0002
				825	0.3000	1.20		1940	12.957	0.0003
				920	0.1091	1.30		2030	14.860	0.0003
				930	1.2001	1.50		2110	16.397	0.0005
				935	2.4000	1.70		2230	19.758	0.0006
				940	1.1599	1.80		2340	22.221	0.0008
				945	1.2001	1.90		2400	22.865	0.0009
				1000	0.4000	2.00	10-18	55	24.168	0.0011
				1050	0.1200	2.10		130	25.558	0.0013
								245	26.976	0.0020
								255	27.703	0.0021
								325	27.703	0.0026
								335	28.442	0.0028
								405	28.442	0.0033
								415	29.193	0.0034
								545	29.956	0.0050
								555	30.732	0.0052
								655	30.732	0.0062
								705	31.521	0.0064
								830	31.521	0.0080
								840	32.321	0.0082
								1050	32.321	0.0106
								1110	31.521	0.0107

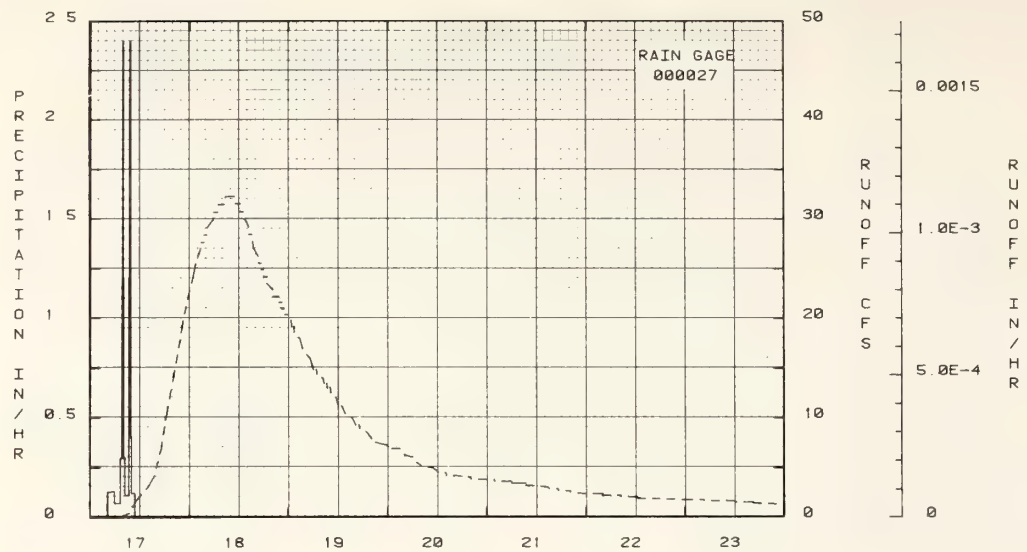
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000349166.





1975	SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE FIVER WATERSHED F						
ANTECEDENT CCNDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF OCTOBER 16 - 30, 1975 (CONTINUED)										
							10-21	1725	2.656	0.0340
								2015	2.656	0.0343
								2020	2.451	0.0343
								2400	2.332	0.0346
							10-22	405	2.332	0.0349
								410	2.175	0.0349
								830	2.179	0.0352
								835	2.033	0.0353
								1230	2.033	0.0356
								1235	1.853	0.0356
								2400	1.760	0.0363
							10-23	440	1.760	0.0366
								445	1.632	0.0366
								1135	1.632	0.0370
								1235	1.510	0.0370
								1640	1.510	0.0372
								1645	1.355	0.0372
								2400	1.264	0.0375
							10-24	950	1.264	0.0380
								1130	1.180	0.0380
								1515	1.160	0.0381
								1755	0.967	0.0381
								2400	0.859	0.0383
							10-25	310	0.816	0.0383
								1230	0.816	0.0386
								1325	0.737	0.0386
								2005	0.737	0.0388
								2400	0.664	0.0389
							10-26	1405	0.595	0.0392
								1430	0.531	0.0392
								2400	0.531	0.0394
							10-27	10	0.472	0.0394
								1200	0.472	0.0396
								1205	0.417	0.0396
								2400	0.417	0.0397
							10-28	10	0.366	0.0397
								2155	0.319	0.0400
								2400	0.276	0.0400
							10-29	1525	0.276	0.0402
								2400	0.237	0.0402
							10-30	620	0.202	0.0402
								2400	0.170	0.0403

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.000345166.



EVENT CP OCTOBER 16 - 30, 1975  
TIPTON, GEORGIA LITTLE RIVER WATERSHED F





TIPTON, GEORGIA LITTLE RIVER WATERSHED I

LOCATION: Turner County, Georgia; approximately 3 miles west of Ashburn on State Highway 112; Little River, Withlacoochee River Sub-basin, Suwanee River Basin. Lat. 31 deg. 40 min. 28 sec., long. 83 deg. 41 min. 26 sec.

AREA: 12333.00 acres 19.27 sq. miles

SLCPES: Slope-Percent 0-2 2-5 5-8 8-12  
Percent of area 13.0 75.0 11.0 1.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwanee, Ocala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, limy clay, degraded limestone) are of Lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Tifton loamy sand	42.981	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Low	Medium
Alapaha loamy sand	13.53	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Low	Poor
Cowarts Loamy sand and sandy loam	11.15	6-12	Weak fine granular	Moderate	Weak to moderate medium subangular blocky	Moderate in upper to slow in lower part	36	Low	Good
Puquay loamy sand	9.83	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Low	Good
Dothan loamy sand	5.13	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium subangular blocky	Moderate	60-72	Low	Medium
Kinston-Osier fine sandy loam	3.91	6	Moderate fine granular to moderate  medium granular	Moderate	Weak Medium subangular blocky	Moderate	60	Moderate	Poor to very poor
Leefield loamy sand	2.86	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part moderately slow in lower part	60-66	Low	Poor
Esto sandy loam	2.78	4-5	Moderate medium granular	Slow	Moderate medium subangular blocky	Slow	60-72	Low	Good
Lakeland sand	2.20	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-85	Moderate	Excessive
Stilson loamy sand	1.45	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Low	Moderately well
Pelham loamy	1.04	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Low	Poor

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia Institute of Technology, and Middle South Georgia Soil Conservation District

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Miscellaneous soils (12), each less than 1%	3.14								
TOTAL	100.00								
1/Percent of area based on 1979 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EROSION: Erosion Class + 1 2 3 4 5  
Percent of Area 0.0 82.0 18.0 0.0 0.0 0.0

LAND CAPABILITY: Class I II III IV V VI VII VIII  
Percent of Area 0.3 47.4 10.1 1.9 35.3 0.9 4.1 0.0

GEOLOGY: Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station 1. Below Station 1, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 3 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by F. E. Carver, Department of Geology, University of Georgia).

SYSTEM	Formation and percent of area		Description
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Deposited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.
Paleocene	Tampa limestone formation		White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee Limestone		White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone		White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene			Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL		100.00	

SURFACE DRAINAGE: Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 12.4 miles. Drainage density 4.35.

CHARACTER OF FLOW: Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

INSTRUMENTATION: Runoff: Two Fischer and Forter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one FW-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Twenty-three Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 1-1/2 mile grid.

WATERSHED CONDITIONS: Residential, 0.1%; water, 1.0%; crops, 27.1%; wetland, 0.3%; pasture, 16%; roads, 0.9%; forest, 54.6%.

GENERALLY REPRESENTS: Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)						TIFTON, GEORGIA LITTLE RIVER WATERSHED I													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1968	P	2.65	1.50	2.16	1.83	2.41	1.96	7.23	4.86	0.89	0.37	2.82	5.54	34.22					
	Q	1.002	0.428	0.584	0.059	0.000	0.0	0.0	0.049	0.001	0.0	0.0	0.004	2.167					
1969	P	0.26	3.57	6.01	1.20	7.47	1.63	6.78	6.79	5.47	0.29	0.64	4.20	44.31					
	Q	0.144	0.682	2.841	0.778	1.663	0.330	0.119	2.216	1.071	0.216	0.020	0.529	10.608					
1970	P	2.73	3.66	10.47	1.36	5.74	5.29	6.33	8.91	1.19	3.11	1.33	4.04	56.16					
	Q	1.139	1.869	5.203	2.431	2.820	3.149	1.355	3.525	0.626	0.203	0.268	0.655	23.242					
1971	P	3.67	6.17	7.27	4.31	2.82	3.31	7.76	6.31	0.73	2.22	3.51	6.01	54.09					
	Q	2.350	3.163	5.364	2.341	1.415	0.011	0.928	1.603	0.142	0.004	0.091	2.434	19.867					
1972	P	4.63	5.62	5.64	0.54	1.98	9.75	3.53	1.73	1.01	1.42	2.46	5.28	43.59					
	Q	2.960	3.949	2.407	1.302	0.100	1.705	0.815	0.023	0.0	0.0	0.0	0.601	13.280					
1973	P	5.46	6.55	6.34	7.45	3.35	6.58	5.93	5.18	0.59	0.51	1.17	3.39	52.50					
	Q	1.960	5.277	2.417	6.266	1.281	1.614	1.403	1.089	0.076	0.0	0.0	0.0	21.384					
1974	P	4.80	8.59	4.59	3.67	3.55	4.98	5.00	6.28	5.25	0.68	2.31	2.34	52.04					
	Q	0.704	5.178	2.480	2.447	0.313	0.399	0.119	0.990	1.308	0.034	0.024	0.345	14.341					
1975	P	5.63	3.62	7.09	8.41	4.16	3.57	7.97	4.92	1.26	2.67	2.09	3.39	54.78					
	Q	2.014	2.027	4.437	5.528	1.339	0.490	1.432	1.678	0.013	0.006	0.010	0.228	19.201					
STA AV	P	3.73	4.91	6.20	3.60	4.44	4.63	6.32	5.62	2.05	1.41	2.04	4.27	49.22					
	Q	1.537	2.824	3.217	2.649	1.116	0.562	0.771	1.357	0.405	0.056	0.052	0.524	15.511					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1968		3-12	0.005	3-12	0.005	3-12	0.005	3-12	0.028	3-12	0.054	3-12	0.103	3-11	0.175	3-11	0.342		
1969		8-3	0.055	8-3	0.055	8-3	0.109	8-3	0.315	8-3	0.580	8-2	0.885	8-2	1.194	8-2	1.706		
1970		3-31	0.074	3-31	0.074	3-31	0.147	3-31	0.435	3-31	0.845	3-30	1.495	3-30	2.065	5-28	4.143		
1971		3-3	0.069	3-3	0.069	3-3	0.138	3-3	0.382	3-3	0.637	3-3	1.039	3-2	1.588	2-27	2.637		
1972		3-31	0.032	3-31	0.032	3-31	0.064	3-31	0.190	3-31	0.366	3-30	0.657	3-30	0.946	2-1	1.813		
1973		4-26	0.057	4-26	0.057	4-26	0.113	4-26	0.331	4-26	0.619	4-26	1.022	3-31	1.422	3-31	3.262		
1974		2-7	0.043	2-7	0.043	2-7	0.085	2-7	0.251	2-7	0.491	2-7	0.920	2-7	1.461	2-6	2.190		
1975		4-15	0.088	4-15	0.087	4-15	0.174	4-14	0.514	4-14	0.971	4-14	1.604	4-14	2.131	4-10	3.670		
															MAXIMUMS FOR PERIOD OF RECORD				
		4-15	0.088	4-15	0.087	4-15	0.174	4-14	0.514	4-14	0.971	4-14	1.604	4-14	2.131	5-28	4.143		
		1975		1975		1975		1975		1975		1975		1975		1970			

NOTES: Watershed conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.006-30 this publication. For composition map showing location of rain gages see map page 74.002-22 this publication. Precipitation records began January 1968. Runoff records began January 1, 1968. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 11 recording gages. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.



1968 DAILY PRECIPITATION (inches) TUPICN, GECIGA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.20	0.0	0.0	0.0	0.01	0.01	0.0	1.75	0.05	0.01	0.0	0.21
2	0.15	0.28	0.0	0.0	0.0	0.18	0.0	0.04	0.0	0.0	0.0	0.05
3	0.04	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	1.83
4	0.01	0.0	0.0	0.0	0.11	0.01	1.06	0.01	0.0	0.0	0.23	0.0
5	0.0	0.0	0.0	0.51	0.02	0.0	0.16	0.04	0.01	0.0	0.01	0.0
6	0.0	0.39	0.0	0.0	0.01	0.34	0.05	0.01	0.0	0.01	0.0	0.0
7	0.17	0.0	0.0	0.0	0.0	0.50	0.25	0.0	0.0	0.13	0.0	0.12
8	0.0	0.0	0.0	0.0	0.01	0.02	0.53	0.01	0.20	0.0	0.0	0.0
9	0.24	0.0	0.0	0.0	0.0	0.01	0.85	0.31	0.16	0.0	0.52	0.0
10	0.62	0.01	0.44	0.07	0.01	0.0	0.95	0.21	0.02	0.01	0.07	0.0
11	0.0	0.0	1.15	0.01	0.0	0.0	0.0	0.01	0.01	0.0	0.61	0.0
12	0.0	0.0	0.30	0.0	0.0	0.33	0.0	0.0	0.0	0.0	0.02	0.0
13	0.01	0.0	0.0	0.0	0.0	0.03	0.01	0.37	0.02	0.0	0.01	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01	0.0	0.01	0.21
15	0.01	0.22	0.01	0.06	0.0	0.0	0.0	0.01	0.01	0.0	0.0	0.0
16	0.0	0.0	0.11	0.0	0.0	0.0	0.01	0.0	0.0	0.01	0.10	0.0
17	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.01	0.15	0.02	0.0	0.0
18	0.0	0.22	0.0	0.0	0.56	0.0	0.0	0.94	0.01	0.18	0.30	0.0
19	0.0	0.0	0.0	0.0	0.01	0.01	0.0	0.01	0.0	0.0	0.01	0.02
20	0.0	0.0	0.0	0.0	0.01	0.0	0.15	0.0	0.01	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.01	0.0	0.0	0.0	0.0
22	0.0	0.02	0.11	0.0	0.01	0.08	0.0	0.0	0.0	0.0	0.0	0.88
23	0.16	0.32	0.0	0.0	0.0	0.02	0.15	0.0	0.0	0.0	0.0	0.01
24	0.01	0.05	0.0	0.31	0.01	0.0	0.01	0.33	0.0	0.0	0.10	0.0
25	0.0	0.0	0.0	0.02	0.04	0.0	0.98	0.30	0.0	0.0	0.01	0.0
26	0.01	0.0	0.0	0.0	0.64	0.0	0.01	0.06	0.20	0.0	0.01	0.0
27	0.0	0.0	0.01	0.46	0.04	0.0	0.0	0.25	0.01	0.0	0.01	0.0
28	0.01	0.0	0.0	0.22	0.52	0.0	0.05	0.07	0.0	0.0	0.16	0.77
29	0.0	0.29	0.0	0.17	0.0	0.0	0.50	0.0	0.0	0.0	0.04	0.0
30	0.01	0.0	0.0	0.0	0.0	0.0	1.38	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.10	0.0	0.0	0.0	1.44
TOTAL	2.65	1.50	2.16	1.83	2.41	1.56	7.23	4.86	0.89	0.37	2.82	5.54
STA AV	2.65	1.50	2.16	1.83	2.41	1.56	7.23	4.86	0.89	0.37	2.82	5.54

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 1 yr (1966) record period.

1969 DAILY PRECIPITATION (inches) TUPICN, GECIGA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.02	0.08	0.0	0.0	0.0	0.0	0.03	0.10	0.26	0.05	0.0
2	0.0	0.02	0.0	0.0	0.0	0.0	0.05	3.33	0.0	0.0	0.01	0.0
3	0.0	0.28	0.13	0.0	0.02	0.01	0.07	0.04	0.0	0.0	0.0	0.0
4	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.85	0.0	0.0	0.01	0.0
5	0.0	0.0	0.0	0.60	0.02	0.01	0.0	0.02	0.01	0.0	0.0	0.0
6	0.01	0.22	1.71	0.01	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.03
7	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.63
8	0.01	0.48	0.14	0.01	0.05	0.0	0.07	0.0	0.91	0.0	0.0	0.0
9	0.04	0.01	0.03	0.0	0.18	0.0	0.26	0.02	0.01	0.01	0.0	0.12
10	0.0	0.0	0.01	0.0	0.0	1.18	0.01	0.17	0.0	0.0	0.0	1.13
11	0.0	0.0	0.0	0.01	0.0	0.03	0.0	0.02	0.0	0.0	0.0	0.0
12	0.0	0.0	0.01	0.0	0.0	0.01	0.60	0.0	0.0	0.0	0.20	0.0
13	0.01	0.0	0.0	0.0	0.02	0.0	0.01	0.07	0.0	0.0	0.11	0.0
14	0.0	0.52	0.0	0.0	0.19	0.01	0.56	0.03	0.0	0.0	0.0	0.0
15	0.0	1.59	0.0	0.03	0.65	0.0	0.23	0.03	0.02	0.0	0.0	0.0
16	0.0	0.04	0.29	0.01	1.80	0.0	0.05	0.01	0.01	0.0	0.01	0.0
17	0.0	0.01	0.33	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.02	0.0
18	0.0	0.0	2.14	0.35	1.20	0.0	0.0	0.03	0.03	0.0	0.01	0.0
19	0.09	0.0	0.0	0.0	0.09	0.0	0.0	0.07	0.22	0.0	0.20	0.0
20	0.07	0.0	0.0	0.0	0.01	0.29	0.16	0.0	0.24	0.01	0.01	0.0
21	0.0	0.0	0.0	0.0	0.0	0.03	0.01	0.0	3.79	0.01	0.0	1.13
22	0.01	0.36	0.0	0.0	0.0	0.0	0.95	0.99	0.09	0.0	0.0	0.0
23	0.01	0.01	0.07	0.0	0.06	0.0	0.59	0.80	0.02	0.0	0.0	0.09
24	0.01	0.0	1.05	0.0	0.0	0.0	0.67	0.01	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.84
26	0.0	0.0	0.0	0.0	2.49	0.0	0.01	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.25	0.05	0.18	0.0	0.0	0.0	0.0	0.01
28	0.0	0.0	0.0	0.16	0.01	0.0	1.35	0.0	0.0	0.0	0.01	0.0
29	0.0	0.0	0.0	0.02	0.0	0.01	0.03	0.0	0.01	0.0	0.0	0.01
30	0.0	0.0	0.0	0.0	0.41	0.0	0.52	0.10	0.0	0.0	0.0	0.07
31	0.0	0.0	0.0	0.0	0.01	0.0	0.36	0.12	0.0	0.0	0.0	0.14
TOTAL	0.26	3.57	6.01	1.20	7.47	1.63	6.78	6.79	5.47	0.29	0.64	4.20
STA AV	1.46	2.54	4.09	1.52	4.94	1.80	7.01	5.83	3.18	0.33	1.73	4.87

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 2 yr (1968-69) record period.



1970	DAILY PRECIPITATION (inches)					TIPICN, GEORGINA LITTLE RIVER WATERSHED I						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.25	0.22	0.0	0.0	0.0	0.34	0.0	0.13	0.39	0.0	0.0	0.0
2	0.01	1.12	0.0	0.27	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.30	0.0	0.0	0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	1.04	0.0	0.17	2.06	0.50	0.0	0.0	0.0	0.0	0.0
5	0.13	0.0	0.08	0.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.99	0.0	0.0	0.01	0.01	0.0	0.0	1.14	0.0	0.0	0.0	0.0
7	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0
8	0.0	0.0	0.98	0.0	0.0	0.0	0.04	0.43	0.0	0.06	0.0	0.0
9	0.0	0.01	0.01	0.0	0.0	0.0	0.17	0.04	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.01	0.03	1.37	0.01	0.0	0.99	0.0
11	0.19	0.0	0.34	0.0	0.0	0.0	0.18	0.13	0.21	0.0	0.0	0.0
12	0.04	0.0	0.03	0.21	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.14
13	0.0	0.0	0.0	0.01	0.0	0.26	0.06	0.01	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.03	0.03	0.0	0.0	0.0	0.05	0.30	0.0
15	0.17	0.0	0.0	0.0	0.07	0.01	0.0	0.04	0.0	0.0	0.0	0.21
16	0.02	1.16	0.0	0.0	0.19	0.0	0.65	0.08	0.06	0.0	0.0	1.41
17	0.03	0.38	0.08	0.0	0.01	0.0	0.01	0.04	0.0	0.0	0.0	0.0
18	0.0	0.02	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.01	0.53	0.0	0.0	0.0	0.02	0.0	0.55	0.02	0.0
20	0.0	0.0	1.30	0.08	0.0	0.0	0.37	0.02	0.0	0.07	0.01	0.0
21	0.0	0.0	1.52	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.02	0.0	0.0	1.06	0.61	0.0	0.0	0.0	0.0	0.0
23	0.12	0.0	0.0	0.0	0.0	0.11	0.53	1.84	0.0	0.0	0.0	0.01
24	0.0	0.02	0.0	0.0	0.0	0.15	1.07	1.58	0.01	2.22	0.0	0.01
25	0.0	0.41	0.0	0.0	1.30	0.21	0.01	0.64	0.22	0.05	0.0	0.09
26	0.02	0.0	0.0	0.13	1.28	0.01	1.87	1.28	0.01	0.0	0.0	0.0
27	0.0	0.02	0.0	0.03	0.04	0.93	0.02	0.02	0.26	0.0	0.01	0.0
28	0.0	0.0	0.96	0.0	3.61	0.01	0.07	0.0	0.02	0.0	0.0	0.0
29	0.69	0.03	0.03	0.0	1.44	0.01	0.0	0.0	0.0	0.11	0.0	1.43
30	0.05	2.74	0.0	0.0	0.90	0.0	0.02	0.0	0.0	0.0	0.0	0.40
31	0.0	0.91	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.34
TOTAL	2.73	3.66	10.47	1.36	5.74	5.29	6.33	8.51	1.19	3.11	1.33	4.04
STA AV	1.88	2.91	6.21	1.46	6.54	2.96	6.78	6.85	2.52	1.26	1.60	4.55

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 3 yr (1968-70) record period.

1971	DAILY PRECIPITATION (inches)					TIPICN, GEORGINA LITTLE RIVER WATERSHED I						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.30	0.01	0.02	0.0	0.32	0.11	0.0	0.0	0.01	0.06
2	0.0	0.0	1.74	0.55	0.19	0.0	1.51	0.10	0.13	0.0	0.03	1.15
3	0.0	0.0	1.18	0.01	0.02	0.0	0.33	0.0	0.09	0.0	0.31	1.34
4	0.79	0.0	0.01	0.0	0.0	0.0	0.64	0.99	0.15	0.0	0.0	0.0
5	0.12	0.76	0.0	1.15	0.0	0.0	0.02	0.04	0.03	0.01	0.0	0.02
6	0.0	0.0	0.03	0.01	0.0	0.05	0.06	0.0	0.03	0.0	0.0	0.14
7	0.0	1.54	0.10	0.0	0.0	0.09	0.66	0.0	0.01	0.0	0.0	0.23
8	1.41	0.67	0.0	0.01	0.63	0.0	0.03	0.01	0.0	0.0	0.0	0.0
9	0.08	0.0	0.0	0.0	0.0	0.07	0.01	1.61	0.0	0.95	0.09	0.0
10	0.01	0.01	0.07	0.0	0.02	0.0	0.03	0.23	0.0	0.18	0.01	0.01
11	0.0	0.0	0.0	0.0	0.0	0.06	0.71	0.71	0.0	0.0	0.0	0.41
12	0.01	0.38	0.0	0.0	0.84	0.01	0.02	0.03	0.0	0.02	0.01	0.01
13	0.01	0.06	0.32	0.0	0.02	0.32	0.01	0.0	0.0	0.0	0.0	0.02
14	0.01	0.0	0.02	0.01	0.0	0.01	0.17	0.0	0.0	0.32	0.0	0.0
15	0.16	0.01	0.11	0.0	0.96	0.39	0.55	0.01	0.0	0.07	0.0	0.0
16	0.0	0.02	0.0	0.0	0.0	0.03	0.02	0.15	0.01	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.01	0.57	0.01	0.0	0.11	0.02	0.0	0.07
18	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.04	0.01	0.0	0.0	0.01
19	0.0	0.0	0.30	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.0
20	0.0	1.10	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.14	0.02	2.50
21	0.0	0.01	0.01	0.0	0.01	0.37	0.0	0.0	0.11	0.09	0.01	0.01
22	0.0	0.24	0.18	0.0	0.0	0.01	0.0	0.11	0.04	0.0	0.0	0.01
23	0.12	0.0	0.16	0.24	0.0	0.0	0.0	0.19	0.01	0.01	0.01	0.0
24	0.01	0.0	0.0	0.01	0.0	0.0	0.05	0.05	0.0	0.34	0.13	0.0
25	0.53	0.0	0.99	0.01	0.02	0.0	0.0	0.58	0.0	0.0	0.01	0.01
26	0.0	0.35	0.93	0.0	0.01	0.0	0.28	0.01	0.0	0.0	0.0	0.0
27	0.0	0.12	0.0	0.0	0.01	0.0	0.02	0.01	0.0	0.01	0.01	0.0
28	0.0	0.90	0.01	0.07	0.03	0.55	0.02	0.0	0.0	0.0	1.55	0.01
29	0.0	0.80	0.79	0.02	0.67	0.67	1.22	1.31	0.0	0.0	1.31	0.0
30	0.41	0.0	1.36	0.0	0.01	0.01	0.25	0.02	0.0	0.02	0.0	0.0
31	0.0	0.01	0.0	0.0	0.0	0.61	0.0	0.0	0.0	0.04	0.0	0.0
TOTAL	3.67	6.17	7.27	4.31	2.82	3.31	7.76	6.31	0.73	2.22	3.51	6.01
STA AV	2.33	3.73	6.48	2.18	5.61	3.05	7.03	6.72	2.07	1.50	2.08	4.95

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 4 yr (1968-71) record period.

1972	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED 1							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.0	1.43	0.0	0.0	0.0	0.0	0.15	0.0	0.0	0.01	0.0	0.01	
2	0.40	0.01	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3	0.0	1.14	0.01	0.01	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
5	0.45	0.0	0.15	0.0	0.0	0.0	1.46	0.0	0.01	0.0	0.0	0.08	
6	0.0	0.14	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.17	1.56	
7	0.0	0.76	0.01	0.0	0.0	0.0	0.01	0.06	0.0	0.0	0.0	0.0	
8	0.0	0.01	0.27	0.05	1.08	0.0	0.0	0.02	0.0	0.0	0.0	0.0	
9	0.02	0.0	0.01	0.0	0.0	0.0	0.0	0.08	0.20	0.0	0.0	0.0	
10	0.27	0.0	0.0	0.0	0.0	0.06	0.0	0.02	0.01	0.0	0.03	0.0	
11	1.37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0	
12	0.01	0.55	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.97	0.0	0.0	0.0	0.45	0.0	0.01	0.0	0.0	0.0	0.85	0.0	
14	0.02	0.0	0.0	0.0	0.02	0.0	0.01	0.67	0.0	0.26	0.02	0.02	
15	0.0	0.24	0.0	0.0	0.03	0.0	0.07	0.01	0.0	0.02	0.0	0.33	
16	0.0	0.60	0.89	0.0	0.0	0.0	0.05	0.01	0.0	0.0	0.0	0.0	
17	0.0	0.04	0.02	0.0	0.0	0.20	0.02	0.01	0.0	0.0	0.0	0.0	
18	0.01	0.01	0.06	0.0	0.01	0.07	0.0	0.0	0.0	0.0	0.0	0.0	
19	0.0	0.0	0.06	0.0	0.03	4.12	0.0	0.0	0.0	0.0	0.28	0.0	
20	0.01	0.01	0.01	0.0	0.12	1.33	0.04	0.01	0.0	0.0	0.0	0.01	
21	0.01	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.91	
22	0.42	0.0	0.35	0.43	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10	
23	0.02	0.01	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.30	0.0	0.25	
25	0.05	0.01	0.14	0.0	0.0	2.55	0.20	0.01	0.03	0.0	0.67	0.0	
26	0.0	0.40	0.0	0.0	0.0	0.06	0.0	0.31	0.0	0.0	0.0	0.01	
27	0.0	0.25	0.0	0.0	0.11	1.25	0.08	0.0	0.02	0.82	0.0	0.0	
28	0.01	0.01	0.53	0.0	0.10	0.02	0.0	0.51	0.02	0.0	0.0	0.0	
29	0.31	0.0	0.02	0.0	0.0	0.07	0.04	0.01	0.0	0.0	0.19	0.0	
30	0.15	0.0	2.80	0.0	0.0	0.0	0.31	0.0	0.72	0.01	0.20	0.0	
31	0.07	0.0	0.11	0.0	0.0	0.0	0.68	0.0	0.0	0.0	0.0	1.56	
TOTAL	4.63	5.62	5.64	0.54	1.58	5.75	3.53	1.73	1.01	1.42	2.46	5.28	
STA AV	2.79	4.10	6.31	1.85	4.68	4.39	6.33	5.72	1.86	1.48	2.15	5.01	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 5 yr (1968-72) record period.

1973	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED 1							
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	0.78	1.26	0.0	0.63	0.0	0.08	0.0	0.04	0.12	0.05	0.0	0.0	
2	0.41	1.16	0.0	0.0	0.0	0.08	0.0	0.56	0.01	0.0	0.0	0.0	
3	0.01	0.0	0.14	1.13	0.0	0.0	0.0	0.27	0.0	0.0	0.0	0.0	
4	0.19	0.01	0.0	0.07	0.0	0.0	0.0	1.16	0.0	0.0	0.0	0.20	
5	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.02	0.01	0.0	0.0	0.58	
6	0.0	0.0	0.07	0.0	0.0	0.77	0.04	0.0	0.0	0.0	0.0	0.0	
7	0.22	0.0	0.0	1.79	0.01	0.02	0.0	0.87	0.0	0.0	0.0	0.0	
8	0.90	0.78	0.0	0.0	0.56	0.63	2.45	0.0	0.0	0.0	0.01	0.0	
9	0.01	1.88	0.20	0.0	0.0	0.45	0.06	0.0	0.02	0.0	0.04	0.0	
10	0.05	0.03	0.02	0.0	0.0	0.18	0.0	0.0	0.10	0.0	0.0	0.0	
11	0.01	0.43	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	
12	0.0	0.02	0.33	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0	
13	0.0	0.0	0.02	0.0	0.0	0.01	0.74	0.0	0.12	0.0	0.0	0.0	
14	0.0	0.97	0.0	0.0	0.0	0.12	0.38	0.19	0.10	0.0	0.0	0.0	
15	0.0	0.0	0.0	0.0	0.0	0.17	0.0	0.02	0.02	0.0	0.01	0.51	
16	0.0	0.0	0.93	0.0	0.0	0.28	0.38	0.63	0.0	0.0	0.02	0.49	
17	0.01	0.0	0.0	0.0	0.0	0.47	0.03	0.01	0.0	0.01	0.0	0.0	
18	0.0	0.0	0.0	0.0	0.0	0.02	0.38	0.18	0.0	0.0	0.0	0.0	
19	0.78	0.0	0.0	0.0	0.05	0.02	0.02	0.0	0.0	0.0	0.0	0.0	
20	0.0	0.0	0.18	0.0	0.04	0.07	0.0	0.0	0.0	0.0	0.06	0.11	
21	0.26	0.0	0.01	0.0	0.01	0.02	0.01	0.0	0.0	0.0	0.46	0.01	
22	0.68	0.0	0.0	0.0	0.0	0.31	0.01	0.0	0.0	0.03	0.01	0.0	
23	0.0	0.0	0.0	0.0	0.0	0.89	0.0	0.0	0.0	0.0	0.0	0.0	
24	0.0	0.0	0.0	0.0	0.02	0.0	0.01	0.0	0.0	0.0	0.0	0.01	
25	0.0	0.01	1.10	1.49	0.08	0.03	0.23	0.0	0.0	0.0	0.01	0.01	
26	0.67	0.0	0.0	2.33	1.49	0.01	0.45	0.18	0.02	0.0	0.0	0.70	
27	0.0	0.0	0.0	0.0	0.01	0.0	0.35	0.0	0.07	0.0	0.0	0.0	
28	0.48	0.0	0.18	0.01	0.02	1.58	0.07	0.01	0.0	0.24	0.55	0.0	
29	0.0	0.0	0.33	0.0	0.55	0.01	0.0	0.01	0.0	0.0	0.0	0.0	
30	0.0	0.0	0.88	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.29	
31	0.0	0.0	1.93	0.0	0.0	0.0	0.32	1.03	0.18	0.18	0.0	0.06	
TOTAL	5.46	6.55	6.34	7.45	3.35	6.58	5.93	5.18	0.59	0.51	1.17	3.39	
STA AV	3.23	4.51	6.32	2.78	4.63	4.75	6.26	5.63	1.65	1.32	1.59	4.74	

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 6 yr (1968-73) record period.

1974 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.06	0.08	0.0	0.0	0.0	0.0	0.0	0.95	0.0	0.0	0.0	0.0
2	0.0	0.37	0.0	0.76	0.01	0.54	0.62	0.08	0.06	0.0	0.0	0.0
3	0.01	0.43	0.0	0.0	0.0	0.25	0.86	0.19	0.05	0.0	0.0	0.0
4	0.07	0.0	0.0	1.74	0.0	0.02	0.01	0.31	0.0	0.0	0.0	0.0
5	0.01	0.0	0.0	0.05	0.21	0.46	0.0	0.97	0.76	0.0	0.0	0.0
6	0.03	2.46	0.0	0.0	0.0	0.01	0.01	0.68	2.15	0.0	0.0	0.0
7	0.04	1.48	0.0	0.0	0.0	0.0	0.0	0.56	0.66	0.0	0.0	0.37
8	0.01	0.21	0.0	0.45	0.0	0.07	0.10	0.01	0.40	0.0	0.0	0.0
9	0.01	0.0	0.0	0.0	0.0	0.01	0.0	0.01	0.26	0.0	0.11	0.0
10	0.0	0.0	0.0	0.01	0.0	0.26	0.0	0.0	0.02	0.0	0.0	0.0
11	1.19	0.0	0.0	0.0	1.61	0.01	0.0	0.0	0.0	0.0	0.14	0.0
12	0.0	0.0	0.01	0.01	0.04	0.0	0.02	0.0	0.0	0.0	0.0	0.05
13	0.01	0.0	0.0	0.17	0.0	0.04	0.0	0.14	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.03	0.0	1.71	0.0	0.04	0.0	0.01	0.10	0.0
15	0.01	0.15	0.0	0.28	0.16	0.0	0.0	0.05	0.0	0.01	0.01	0.49
16	0.0	1.97	0.19	0.0	0.10	0.0	0.0	0.01	0.0	0.66	0.01	0.0
17	0.0	0.0	0.0	0.0	0.01	0.0	0.05	0.17	0.26	0.0	0.26	0.0
18	0.0	0.0	0.01	0.01	0.0	0.0	0.03	0.01	0.0	0.0	0.0	0.0
19	0.0	1.15	0.34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.20	0.0	0.15	0.0	0.04	0.16	0.80	0.20	0.0	0.0	1.01	1.32
21	0.12	0.01	0.76	0.0	0.0	0.82	0.01	0.87	0.0	0.0	0.0	0.0
22	0.0	0.27	0.0	0.13	0.0	0.02	0.0	0.01	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.01	1.17	0.04	0.0	0.0	0.0	0.0	0.0	0.0
24	0.01	0.0	0.01	0.0	0.0	0.0	0.41	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.71	0.0	0.0	0.0	0.51	0.03	0.01	0.0	0.0	0.01
26	0.0	0.0	0.23	0.0	0.19	0.0	0.84	0.0	0.58	0.0	0.0	0.0
27	0.0	0.0	0.49	0.0	0.0	0.13	0.14	0.01	0.02	0.0	0.0	0.0
28	0.19	0.01	0.10	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.06
29	0.60	0.0	1.59	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0
30	0.23	0.0	0.0	0.0	0.01	0.0	0.50	0.65	0.0	0.0	0.67	0.0
31	0.0	0.0	0.0	0.0	0.0	0.03	0.03	0.33	0.0	0.0	0.0	0.0
TOTAL	4.80	8.59	4.59	3.67	3.55	4.58	5.00	6.28	5.25	0.68	2.31	2.34
STA AV	3.46	5.09	6.07	2.91	4.47	4.79	6.06	5.72	2.16	1.23	2.03	4.40

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 7 yr (1968-74) record period.

1975 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.01	0.26	0.41	0.0	0.0	0.0	2.23	0.0	0.23	0.0	0.42
2	0.0	0.21	0.0	0.02	0.01	0.12	0.0	0.02	0.0	0.03	0.0	0.0
3	0.01	0.42	0.0	0.16	0.07	0.01	0.0	0.01	0.0	0.0	0.0	0.0
4	0.30	0.01	0.01	0.0	0.0	0.0	0.0	0.02	0.0	0.36	0.0	0.0
5	0.0	0.07	0.01	0.0	0.0	0.01	0.31	0.02	0.0	0.0	0.0	0.0
6	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.02	0.13	0.0	0.0
7	0.01	0.0	0.17	0.0	0.34	0.01	0.06	0.01	0.01	0.50	0.12	0.09
8	0.96	0.0	0.0	0.0	0.0	0.01	0.48	0.68	0.08	0.05	0.19	0.0
9	0.0	0.01	0.0	0.89	0.0	0.31	0.02	0.0	0.04	0.0	0.01	0.38
10	0.01	0.03	0.01	2.24	0.01	0.21	0.08	0.10	0.12	0.0	0.35	0.0
11	0.42	0.01	0.01	0.11	0.0	0.46	1.77	0.07	0.01	0.0	0.01	0.0
12	2.04	0.14	0.0	0.0	0.18	0.59	0.0	0.0	0.0	0.0	1.05	0.0
13	0.0	0.0	0.01	0.07	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.01	0.0	0.29	3.66	0.53	0.0	1.31	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.02	0.36	0.19	0.64	0.0	0.0	0.0	0.0	0.01
16	0.0	0.42	3.07	0.0	0.90	0.01	0.09	0.0	0.0	0.0	0.0	0.03
17	0.0	0.57	0.0	0.02	0.45	0.0	0.42	0.01	0.25	1.37	0.01	0.61
18	0.0	0.13	2.40	0.0	0.0	0.04	0.06	0.0	0.13	0.0	0.0	0.0
19	0.41	0.57	0.0	0.08	0.0	0.38	0.0	0.26	0.07	0.0	0.01	0.0
20	0.23	0.01	0.0	0.23	0.0	0.0	0.86	0.02	0.01	0.0	0.0	0.0
21	0.0	0.06	0.0	0.0	0.0	0.01	0.69	0.13	0.11	0.0	0.16	0.0
22	0.21	0.59	0.0	0.0	0.0	0.0	0.01	0.01	0.06	0.0	0.0	0.0
23	0.46	0.06	0.0	0.0	0.0	0.0	0.01	0.01	0.12	0.0	0.02	0.0
24	0.25	0.30	0.61	0.0	0.0	0.01	0.0	0.0	0.02	0.0	0.0	0.0
25	0.30	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.0	0.0	0.0	0.81
26	0.0	0.0	0.0	0.0	0.05	0.65	0.07	0.0	0.0	0.0	0.0	0.06
27	0.0	0.0	0.0	0.06	0.0	0.0	0.03	0.27	0.0	0.0	0.15	0.0
28	0.0	0.0	0.0	0.0	0.01	0.0	0.61	0.54	0.0	0.0	0.01	0.0
29	0.0	0.0	0.0	0.11	0.05	0.19	0.12	0.19	0.20	0.0	0.0	0.15
30	0.0	0.0	0.24	0.33	0.22	0.01	0.32	0.02	0.01	0.0	0.0	0.20
31	0.0	0.0	0.0	0.0	0.94	0.0	0.01	0.0	0.0	0.0	0.0	0.63
TOTAL	5.63	3.62	7.09	8.41	4.16	3.57	7.97	4.92	1.26	2.67	2.09	3.39
STA AV	3.73	4.91	6.20	3.60	4.44	4.63	6.32	5.62	2.05	1.41	2.04	4.27

NOTES: Values are weighted using Reciprocal Distance Squared Method from 11 recording gages. STA AV are based on 8 yr (1968-75) record period.



1968	MEAN DAILY DISCHARGE (cfs)					TIPTON, GEORGINA LITTLE RIVER WATERSHED 1						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	10.712	7.416	5.418	3.040	0.007	0.0	0.0	0.064	0.0	0.0	0.0	0.0
2	32.992	8.415	7.651	2.897	0.0 T	0.0	0.0	5.552	0.0	0.0	0.0	0.0
3	32.631	12.013	6.073	2.677	0.0	0.0	0.0	4.311	0.0	0.0	0.0	0.0
4	27.386	12.957	4.764	2.500	0.0	0.0	0.0	1.142	0.0	0.0	0.0	0.0
5	20.536	9.702	4.033	2.627	0.0	0.0	0.0	0.260	0.0	0.0	0.0	0.0
6	15.943	9.141	3.690	5.260	0.0	0.0	0.0	0.031	0.0	0.0	0.0	0.0
7	15.886	8.967	3.370	6.620	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	15.618	7.248	3.264	5.554	0.0	0.0	0.0	0.0	0.106	0.0	0.0	0.0
9	13.912	6.260	3.166	3.936	0.0	0.0	0.0	0.070	0.151	0.0	0.0	0.0
10	22.282	5.614	5.203	3.475	0.0	0.0	0.0	0.432E	0.032	0.0	0.0	0.0
11	31.403	5.309	19.820	2.884	0.0	0.0	0.0	0.393E	0.002	0.0	0.0	0.0
12	31.165	4.672	52.372	2.288	0.0	0.0	0.0	0.364E	0.0	0.0	0.0	0.0
13	23.537	4.227	37.893	1.696	0.0	0.0	0.0	0.407E	0.0	0.0	0.0	0.0
14	19.024	4.063	20.958	1.228	0.0	0.0	0.0	0.530E	0.0	0.0	0.0	0.0
15	17.157	5.002	13.519	0.940	0.0	0.0	0.0	0.350E	0.0	0.0	0.0	0.0
16	16.442	7.160	10.796	0.598	0.0	0.0	0.0	0.055	0.0	0.0	0.0	0.0
17	14.774	7.765	11.857	0.352	0.0	0.0	0.0	0.0 1	0.0	0.0	0.0	0.0
18	13.856	8.168	11.227	0.200	0.0	0.0	0.0	0.010	0.0	0.0	0.0	0.0
19	13.045	5.785	5.446	0.088	0.0	0.0	0.0	1.207	0.0	0.0	0.0	0.0
20	12.940	8.672	8.678	0.024	0.0	0.0	0.0	2.855E	0.0	0.0	0.0	0.0
21	12.174	7.024	6.754	0.002	0.0	0.0	0.0	2.447E	0.0	0.0	0.0	0.0
22	11.606	6.210	5.512	0.0	0.0	0.0	0.0	1.753E	0.0	0.0	0.0	0.0
23	11.307	6.482	7.140	0.0	0.0	0.0	0.0	1.193E	0.0	0.0	0.0	0.0
24	12.146	10.783	6.402	0.041	0.0	0.0	0.0	0.744E	0.0	0.0	0.0	0.0
25	13.082	10.552	5.526	0.056	0.0	0.0	0.0	0.377E	0.0	0.0	0.0	0.0
26	12.743	7.873	5.114	0.005	0.0	0.0	0.0	0.163E	0.0	0.0	0.0	0.0
27	10.624	6.341	4.202	0.027	0.0	0.0	0.0	0.024E	0.0	0.0	0.0	0.0
28	9.817	5.499	3.865	0.166	0.056	0.0	0.0	0.0 1	0.0	0.0	0.0	0.252
29	8.710	8.059	3.554	0.155	0.017	0.0	0.0	0.0	0.0	0.0	0.0	0.361
30	8.228		3.383	0.110	0.0 T	0.0	0.0	0.0	0.0	0.0	0.0	0.290
31	7.702		3.323		0.0	0.0	0.0	0.0	0.0	0.0		1.422
MEAN	16.755	7.640	5.754	1.715	0.003	0.0	0.0	0.624	0.010	0.0	0.0	0.075
INCHES	1.002	0.428	0.584	0.099	0.000	0.0	0.0	0.049	0.001	0.0	0.0	0.004
STA AV	1.002	0.428	0.584	0.099	0.000	0.0	0.0	0.049	0.001	0.0	0.0	0.004

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.001526. STA AV based on 1 yr (1968) record period.

1969	MEAN DAILY DISCHARGE (cfs)					TIPTON, GEORGINA LITTLE RIVER WATERSHED 1						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.67	2.10	12.40	24.72	0.22	43.54	0.0	18.24	1.85	11.07	0.92	0.27
2	1.30	2.10	12.33	23.66	0.08	17.04	0.0	32.06	2.12	15.06	0.66	0.21
3	2.35	2.58	11.63	22.70	0.05	11.53	0.0	457.87	1.88	16.21	0.48	0.19
4	2.59	3.44	12.19	21.05	0.03	7.57	0.0	157.40	1.23	12.03	0.33	0.13
5	2.64	3.04	11.44	20.57	0.01	5.03	0.0	106.04	0.78	8.65	0.23	0.12
6	2.59	2.82	24.15	34.66	0.0	4.58	0.0	57.73	0.42	6.53	0.17	0.11
7	2.59	3.60	77.57E	42.50	0.0	4.55	0.0	31.40	0.19	5.32	0.14	1.26
8	2.59	4.18	64.85E	28.64	0.0	3.25	0.0	19.40	2.46	4.69	0.09	2.67
9	2.72	7.02	42.74	19.44	0.0	1.77	0.0	16.69	12.28	4.50	0.04	1.67
10	2.76	6.70	30.24	16.03	0.0	1.26	0.0	20.84	5.57	4.24	0.01	7.52
11	2.73	5.13	23.89	14.41	0.0	10.39	0.0	21.87	2.67	3.70	0.0 T	16.74
12	2.44	4.15	20.90	13.51	0.0	31.06	0.0	13.61	1.30	3.14	0.04	13.04
13	2.17	3.37	22.10	11.54	0.0	13.55	0.0	9.92	0.52	2.45	0.38	5.06
14	2.09	3.81	18.65	9.60	0.0	6.64	0.0	10.05	0.18	1.94	0.73	6.40
15	2.10	33.63	16.76	5.11	0.0	3.50	0.0	10.15	0.06	1.47	0.57	4.52
16	2.10	48.85	20.69	10.33	1.12	2.30	0.0	9.12	0.11	1.20	0.33	3.87
17	2.17	33.02	28.12	10.03	53.03	1.08	0.0	7.90	0.05	1.02	0.24	3.19
18	2.39	22.00	169.00	12.39	60.24	0.37	0.0	5.17	0.01	0.83	0.23	2.73
19	2.53	16.85	214.34	15.78	76.28	0.06	0.0	3.60	0.04	0.42	0.41	2.50
20	2.50	14.97	75.68	12.70	57.50	0.0 T	0.0	3.09	0.17	0.45	0.81	2.35
21	3.31	13.80	50.86	8.61	30.85	0.02	0.0	1.61	101.28	0.66	0.66	4.76
22	3.18	15.29	41.60	6.22	15.51	0.0	0.0	2.18	190.08	0.62	0.43	21.32
23	3.00	21.90	36.48	4.56	5.77	0.0	0.0	35.17	79.10	0.34	0.32	20.77
24	2.95	21.02	61.88	3.17	6.82	0.0	0.0	45.36	43.12	0.14	0.28	18.95
25	2.84	17.96	111.19	2.15	4.72	0.0	0.0	27.23	29.84	0.08	0.28	15.12
26	2.50	14.96	59.10	1.45	21.26	0.0	0.0	11.52	22.46	0.06	0.32	28.32
27	2.26	13.06	40.69	0.92	290.26	0.0	0.0	5.80	17.55	0.05	0.33	28.82
28	2.08	11.91	33.95	0.69	119.53	0.0	7.96	3.15	14.41	0.02	0.33	21.52
29	1.95		30.92	0.93	52.91	0.0	30.15	1.61	12.37	0.0 T	0.35	13.84
30	2.07		28.96	0.49	29.52	0.0	8.46	1.03	10.69	2.10	0.33	11.23
31	2.10		26.91		31.73		14.90	1.60		2.82		10.67
MEAN	2.408	12.615	47.485	13.432	27.798	5.702	1.983	37.037	18.491	3.607	0.348	8.848
INCHES	0.144	0.682	2.841	0.778	1.663	0.330	0.119	2.216	1.071	0.216	0.020	0.529
STA AV	0.573	0.555	1.712	0.438	0.832	0.165	0.059	1.133	0.536	0.108	0.010	0.267

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.001526. STA AV based on 2 yr (1968-69) record period.



1970	MEAN DAILY DISCHARGE (cfs)					TIFTON, GEORGIA LITTLE RIVER WATERSHED I						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	15.78	24.62	19.51	227.35	5.33	96.47	9.90	5.88	33.46	1.12	5.35	2.20
2	18.62	48.80	17.45	108.51	3.61	74.62	6.22	9.55	53.03	0.48	5.14	2.05
3	15.78	77.49	16.43	90.46	2.93	63.12	4.26	7.28	32.67	0.15	3.38	1.52
4	12.24	62.00	17.72	68.16	17.15	288.28	19.53	4.57	21.56	0.02	2.45	1.83
5	10.01	40.55	48.38	58.54	24.15	330.78	16.06	2.94	17.78	0.0	1.82	1.65
6	26.32	30.09	68.01	58.93	13.80	75.32	7.31	4.31	15.75	0.0	1.40	1.83
7	45.54	26.11	39.49	52.76	6.86	49.14	3.66	22.36	14.27	0.0	1.03E	2.27
8	38.32	24.20	41.57	43.21	3.72	39.10	2.32	44.25	12.03	0.0	0.77E	2.25
9	23.42	23.55	77.87	38.87	2.08	33.21	1.66	40.04	10.93	0.0	0.58E	2.22
10	17.19	22.52	60.20	37.16	1.11	26.79	1.55	63.52	11.01	0.0	4.69E	2.13
11	17.21	21.10E	39.21	36.12	0.51	25.65	2.60	124.77	10.05	0.0	15.48E	3.05E
12	22.46	19.92E	44.05	40.85	0.16	22.65	4.65	65.89	15.13	0.0	14.72E	2.75E
13	23.02	18.54E	42.89	43.52	0.02	20.48	2.44	32.18	13.91	0.0	9.35E	2.88E
14	19.52	17.40	33.04	37.77	0.0	29.51	1.83	22.54	10.65	0.0	7.55E	2.72E
15	18.14	16.38	26.50	30.25	0.01	26.14	1.11	15.92	8.03	0.0	9.85E	2.72
16	20.07	53.80	23.05	25.23	0.0	21.28	0.37	13.90	7.29	0.0	8.32E	9.99
17	19.55	82.00	21.51	22.70	0.0	17.17	5.92	12.05	7.44	0.0	6.17E	43.48
18	18.66	69.34	22.70	22.02	0.0	13.42	4.44	8.26	4.45	0.0	5.00E	43.43
19	17.07	46.62	24.08	21.30	0.0	10.48	2.38	6.61	2.90	0.0	4.45E	22.29
20	15.32	33.18	51.57	24.06	0.0	7.58	1.40	5.20	2.51	0.0	4.06	12.07
21	13.74	25.64	125.01	40.08	0.0	4.69	3.81	5.15	1.19	0.0	3.82	9.33E
22	12.48	22.30	355.73	25.98	0.0	44.54	6.66	4.04	2.50	0.0	3.43	8.32E
23	12.73	21.61	132.52	17.63	0.0	63.42	12.37	9.36	1.47	0.0	3.11	7.97E
24	14.05	21.61	68.83	13.31	0.0	30.03	40.56	158.89	0.47	2.33	2.70	7.60E
25	13.72	25.47	53.66	10.95	0.0	34.68	61.31	410.01	0.23	30.90	2.40	7.18E
26	13.12	36.49	46.51	10.73	0.99	26.77	107.03	185.46	0.40	29.86	2.26	6.44E
27	12.41	32.97	41.44	12.42	27.36	22.57	242.65	286.57	1.18	16.53	2.33	6.73E
28	11.36	24.20	61.47	12.79	97.74	54.14	67.21	88.71	6.20	7.64	2.42	6.20E
29	10.96		110.02	10.26	644.61	53.66	27.66	50.82	3.70	5.26	2.39	12.83E
30	28.69		213.59	7.59	368.75	18.64	19.43	38.42	1.80	5.54	2.26	40.97E
31	32.53		752.23E		240.58		13.11	31.04		5.12		55.85E
MEAN	19.032	34.586	66.567	41.580	47.142	54.581	22.654	58.914	10.816	3.398	4.623	10.944
INCHES	1.135	1.869	5.203	2.431	2.820	3.149	1.355	3.525	0.626	0.203	0.268	0.655
STA AV	0.762	0.993	2.876	1.102	1.495	1.160	0.451	1.930	0.566	0.140	0.096	0.396

NOTES: To convert runoff in CPS to IN/DAY, multiply by 0.001526. STA AV based on 3 yr (1968-70) record period.

1971	MEAN DAILY DISCHARGE (cfs)					TIFTON, GEORGIA LITTLE RIVER WATERSHED I						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	48.86E	35.20	130.79	46.59	157.44	0.01	3.25E	51.04	14.39	0.0	0.41	8.56
2	32.35E	23.96	136.38	58.25	51.48	1.08	17.12E	23.76	8.76	0.0	0.16	6.53
3	21.56E	20.91	463.49E	80.89	30.93	0.82	74.03	13.47	9.40	0.0	0.23	70.05
4	19.37E	19.21	348.58E	57.05	23.34	0.06	34.71	11.11	7.73	0.0	0.56	73.41
5	51.65E	32.88		70.85	16.49	0.0	37.59	83.53	10.88	0.0	0.20	43.19
6	64.09	53.95	71.10	170.91	12.81	0.0	20.02	25.38	7.24	0.0	0.03	31.34
7	38.18	93.87	66.41	82.15	10.54	0.0	12.80	11.07	4.30	0.0	0.00	31.10
8	32.72	236.61	58.12	56.34	17.82	0.0	44.02	6.65	2.97	0.0	0.0	30.19
9	145.15	139.91	50.27	47.21	35.07	0.0	17.46	42.06	2.26	0.0	0.0	25.36
10	99.29	66.76	48.16	41.24	27.38	0.0	8.27	76.24	1.62	0.0	0.0	21.87
11	54.46	49.73	45.44	37.02	16.40	0.0	29.32	92.77	1.29	0.0	0.0	21.61
12	42.50	46.06	46.16	33.74	15.39	0.0	22.52	89.80	1.10	0.0	0.0	33.04
13	37.65	64.92	46.39	30.79	40.60	0.0	12.41	37.33	0.95	0.0	0.0	33.70
14	34.93	61.42	61.05	28.98	42.94	0.0	8.44	20.32	0.44	0.0	0.0	25.56
15	34.49E	45.98	54.28	28.74	43.05	0.0	13.03	14.02	0.19	0.0	0.0	20.26
16	34.48E	38.78	49.69	26.06	70.21	0.0	21.73	13.08	0.04	0.0	0.0	18.25
17	31.04E	35.35	40.65	23.66	41.46	0.0	16.60	12.84	0.00	0.0	0.0	17.51
18	27.49E	32.83	33.53	20.95	20.19	0.0	8.40	11.44	0.0	0.0	0.0	18.04
19	25.03E	30.92	35.56	17.50	13.63	0.0	4.65	9.95	0.09	0.0	0.0	16.56
20	23.28E	49.01	42.41	15.46	10.40	0.0	2.65	7.00	0.06	0.0	0.0	68.70
21	21.87E	111.57	35.26	14.30	9.23	0.0	2.11	5.02	0.00	0.0	0.0	228.55
22	21.56	72.49	28.49	13.95	7.86	0.0	1.83	5.05	0.0	0.0	0.0	53.64
23	23.45	56.82	36.33	13.60	6.12	0.0	1.52	6.38	0.0 T	0.0	0.0	51.20
24	26.39	47.27	40.77	17.97	4.23	0.0	2.27	5.68	0.04	0.13	0.0	39.75
25	27.89	38.63	32.08	17.36	2.81	0.0	1.15	5.52	0.02	1.11	0.0	36.24
26	37.21	34.71	212.68	13.03	2.05	0.0	0.53	25.25	0.0	0.57	0.0	34.18
27	49.36	49.11	143.26	9.78	1.45	0.0	0.96	15.25	0.0	0.26	0.0	31.42
28	29.82	60.79	62.06	9.67	0.59	0.06	0.73	8.77	0.0	0.08	0.01	29.63
29	21.62		76.97	11.96	0.63	0.41E	1.75	9.00	0.0	0.02	17.61	28.43
30	23.24		119.53	117.19	0.32	3.50E	21.93	55.47	0.0	0.00	27.72	27.18
31	36.29		64.98		0.11		36.49	35.64		0.06		25.98
MEAN	39.275	58.909	89.665	40.439	23.653	0.198	15.50E	26.789	2.459	0.072	1.564	40.676
INCHES	2.350	3.183	5.364	2.341	1.415	0.011	0.92E	1.603	0.142	0.004	0.091	2.434
STA AV	1.159	1.540	3.498	1.412	1.475	0.073	0.600	1.848	0.460	0.106	0.095	0.906

NOTES: To convert runoff in CPS to IN/DAY, multiply by 0.001526. STA AV based on 4 yr (1968-71) record period.

1972 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	25.93	58.71	36.50	123.20	0.82	0.0	26.30	7.05	0.0	0.0	0.0	0.0
2	30.55	109.21	32.98	61.73	0.40	0.0	23.13	2.66	0.0	0.0	0.0	0.0
3	39.92	170.60	51.88	46.06	0.14	0.0	19.85	1.26	0.0	0.0	0.0	0.0
4	36.46	181.90	45.48	40.27	0.12	0.0	14.12	0.77	0.0	0.0	0.0	0.0
5	36.71	75.96	36.57	37.86	0.01	0.0	24.95	0.11	0.0	0.0	0.0	0.0
6	51.56	57.80	33.45	35.33	0.0	0.0	123.82	0.01	0.0	0.0	0.0	0.0
7	40.40	120.53	27.54	31.34	0.0	0.0	64.64	0.0	0.0	0.0	0.0	0.0
8	26.63	113.38	29.26	31.70	0.43	0.0	27.04	0.0	0.0	0.0	0.0	0.0
9	22.68	66.68	33.42	31.77	11.62	0.0	16.07	0.0	0.0	0.0	0.0	0.0
10	28.85	49.68	27.70	24.17	9.52	0.0	11.16	0.0	0.0	0.0	0.0	0.0
11	56.40	47.37	22.26	21.49	3.83	0.0	8.73	0.0	0.0	0.0	0.0	0.0
12	152.27	47.28	20.11	20.84	1.81	0.0	6.35	0.0	0.0	0.0	0.0	0.0
13	110.39	78.46	18.96	20.17	1.76	0.0	4.55	0.0	0.0	0.0	0.0	0.0
14	163.98	67.29	16.67	18.18	6.52	0.0	2.93	0.0	0.0	0.0	0.0	0.0
15	85.84	53.28	19.00	15.35	7.95	0.0	1.53	0.0	0.0	0.0	0.0	0.0
16	53.06	66.14	25.94	13.42	4.42	0.0	2.55	0.0	0.0	0.0	0.0	0.0
17	42.24	102.85	68.16	11.73	1.81	0.0	18.88	0.0	0.0	0.0	0.0	0.0
18	39.65	70.77	46.37	9.80	0.57	0.0	4.62	0.0	0.0	0.0	0.0	0.0
19	37.95	54.29	29.95	7.73	0.09	0.50	1.21	0.0	0.0	0.0	0.0	0.0
20	35.61	41.73	24.06	6.47	0.00	28.51	0.37	0.0	0.0	0.0	0.0	0.0
21	35.19	35.95	21.37	5.35	0.0	65.07	0.07	0.0	0.0	0.0	0.0	0.0
22	42.01	36.10	20.94	6.13	0.0	36.12	0.0	0.0	0.0	0.0	0.0	0.0
23	59.58	35.46	17.23	13.67	0.0	11.02	0.0	0.0	0.0	0.0	0.0	0.0
24	48.65	34.76	14.63	13.98	0.0	4.41	0.0	0.0	0.0	0.0	0.0	0.0
25	43.86	33.56	13.76	8.37	0.0	66.70	1.13	0.0	0.0	0.0	0.0	0.0
26	34.35	39.89	15.80	4.93	0.0	248.53	1.09	0.0	0.0	0.0	0.0	0.0
27	30.13	58.32	15.43	3.13	0.0	136.15	0.36	0.0	0.0	0.0	0.0	0.0
28	26.21	56.98	20.84	2.36	0.0	174.44	0.12	0.0	0.0	0.0	0.0	0.0
29	27.23	41.42	37.85	6.26	0.0	72.54	0.01	0.0	0.0	0.0	0.0	0.0
30	34.49		61.72	1.75	0.0	37.58	3.52	0.0	0.0	0.0	0.0	0.0
31	45.13		337.56		0.0		12.24	0.0	0.0	0.0		0.28
MEAN	48.802	70.556	40.230	22.464	1.671	29.450	13.616	0.384	0.0	0.0	0.0	0.009
INCHES	2.986	3.949	2.407	1.302	0.100	1.705	0.815	0.023	0.0	0.0	0.0	0.001
STA AV	1.523	2.022	3.260	1.390	1.200	1.039	0.643	1.483	0.368	0.085	0.076	0.725

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.001526. STA AV based on 5 yr (1968-72) record period.

1973 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	3.40	35.41	31.10	480.87	35.71	13.57	22.41	5.04	16.90	0.0	0.0	0.0
2	8.64	274.31	29.21	160.08	31.53	12.00	9.55	14.85	9.54	0.0	0.0	0.0
3	12.92	209.21	31.04	147.40	29.66	8.66	11.95	17.52	4.48	0.0	0.0	0.0
4	13.05	77.26	36.90	211.03	28.95	5.66	5.45	24.84	3.74	0.0	0.0	0.0
5	14.88	57.20	31.88	56.51	33.17	3.88	2.81	121.25	2.20	0.0	0.0	0.0
6	15.21	49.48	31.69	64.05	21.55	2.36	4.15	51.64	1.02	0.0	0.0	0.0
7	15.23	45.46	30.12	165.63	19.16	9.27	2.31	30.25	0.34	0.0	0.0	0.0
8	30.92	46.11	28.09	328.22	30.15	47.27	3.75	102.67	0.10	0.0	0.0	0.0
9	47.33	203.49	31.59	112.93	76.33	45.18	177.92	39.33	0.00	0.0	0.0	0.0
10	42.08	414.03	42.33	66.90	60.62	59.79	101.42	17.88	0.01	0.0	0.0	0.0
11	33.77	181.76	30.27	52.87	27.60	34.12	29.50	11.76	0.62	0.0	0.0	0.0
12	30.58	105.93	30.83	46.85	16.60	29.56	12.80	7.54	0.31	0.0	0.0	0.0
13	28.28	80.89	36.69	43.20	15.02	28.51	13.84	5.88	0.04	0.0	0.0	0.0
14	24.21	90.90	31.16	39.38	10.80	34.12	55.67	4.67	0.05	0.0	0.0	0.0
15	22.91	215.38	25.09	37.55	8.66	19.26	52.55	5.47	0.05	0.0	0.0	0.0
16	21.68	115.94	24.73	32.09	6.49	26.34	27.65	8.27	0.00	0.0	0.0	0.0
17	20.50	68.50	52.71	30.95	4.88	35.17	30.20	39.59	0.0	0.0	0.0	0.0
18	20.04	57.34	56.07	30.17	3.72	32.57	20.07	17.38	0.0	0.0	0.0	0.0
19	36.35	52.80	36.75	28.92	2.89	22.54	29.36	12.64	0.0	0.0	0.0	0.0
20	48.74	48.40	24.57	27.91	6.17	16.13	16.26	5.54	0.0	0.0	0.0	0.0
21	38.55	44.55	25.90	27.07	4.44	14.16	8.36	6.46	0.0	0.0	0.0	0.0
22	53.73	42.70	20.45	23.17	3.56	10.61	4.92	3.67	0.0	0.0	0.0	0.0
23	64.04	40.53	24.46	18.12	2.54	70.68	3.15	1.59	0.0	0.0	0.0	0.0
24	47.67	37.92	17.22	17.85	2.10	61.19	1.72	0.70	0.0	0.0	0.0	0.0
25	33.32	35.66	37.09	27.67	1.47	24.01	3.51	0.26	0.0	0.0	0.0	0.0
26	32.87	35.07	73.61	301.08	6.09	12.56	9.83	0.22	0.0	0.0	0.0	0.0
27	51.09	35.40	52.55	411.75	44.72	8.08	13.26	0.89	0.0	0.0	0.0	0.0
28	58.84	33.18	32.19	169.20	40.12	8.10	19.72	1.19	0.0	0.0	0.0	0.0
29	60.91		36.30	60.06	22.92	62.02	20.84	1.77	0.0	0.0	0.0	0.0
30	47.13		54.21	43.66	36.85	78.07	8.32	0.62	0.0	0.0	0.0	0.0
31	36.63		265.86		29.18		3.57	2.34		0.0		0.0
MEAN	32.75	97.66	40.40	108.22	21.42	27.88	23.46	18.21	1.31	0.0	0.0	0.0
INCHES	1.960	5.277	2.417	6.266	1.281	1.614	1.403	1.085	0.076	0.0	0.0	0.0
STA AV	1.596	2.565	3.136	2.203	1.213	1.135	0.770	1.417	0.319	0.071	0.063	0.604

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.001526. STA AV based on 6 yr (1968-73) record period.

1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGINA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.36	23.19	35.53	38.65	3.92	0.00	0.0	8.56	10.02	3.33	0.0	6.32
2	12.85	19.48	35.31	54.01	2.29	0.04	1.75	50.68	5.01	2.06	0.0	4.44
3	7.19	29.96	36.73	78.01	1.14	4.31	2.43	12.67	5.48	1.25	0.0	2.81
4	5.87	34.60	31.30	58.62	0.45	17.76	4.63	7.70	3.43	2.52	0.0	2.03
5	5.76	28.62	28.49	290.75	0.59	9.29	5.80	21.08	2.47	0.80	0.0	1.61
6	5.56	23.83	26.64	132.47	0.36	6.74	2.06	66.84	129.41	0.43	0.0	1.34
7	5.41	413.86	25.05	57.56	0.26	15.81	3.23	74.89	98.55	0.15	0.0	1.67
8	4.82	339.89	23.80	49.18	0.08	6.66	1.33	45.24	84.24	0.03	0.0	3.64
9	4.12	124.05	24.07	64.47	0.00	2.58	0.52	22.45	65.09	0.00	0.0	3.52
10	3.84	68.79	23.33	56.30	0.0	1.30	0.06	13.35	48.52	0.0	0.0	2.52
11	6.81	55.20	20.85	39.07	0.14	0.60	0.0 I	9.37	31.50	0.0	0.0	2.00
12	21.49	48.62	19.32	32.28	33.69	0.23	0.0	7.20	30.76	0.0	0.0	1.88
13	24.88	44.25	18.87	32.26	0.06	0.0	0.0	5.89	16.57	0.0	0.0	2.07
14	16.77	41.89	16.74	34.19	13.69	0.46	0.0	7.57	13.38	0.0	0.0	1.89
15	12.14	42.17	14.40	35.81	4.58	54.62	0.0	6.40	11.28	0.0	0.0	2.44
16	10.92	241.13	18.04	44.54	2.99	43.59	0.0	15.96	9.63	0.02	0.0	6.97
17	10.63	251.96	19.36	33.30	5.12	11.24	0.0	7.48	9.36	3.51	0.0	5.48
18	10.14	82.10	15.72	22.91	3.47	4.77	0.0	9.17	17.04	1.88	0.0	4.32
19	11.03	142.90	14.49	18.57	1.81	2.19	0.0	5.18	10.78	0.89	0.0	3.05
20	12.10	196.42	27.73	15.36	0.72	0.88	0.0	2.93	8.19	0.38	0.0	6.57
21	14.12	85.91	50.63	12.85	0.22	0.41	0.0	18.85	6.50	0.13	2.54	34.58
22	17.70	65.70	60.89	11.93	0.04	6.79	0.0	49.94	5.50	0.02	2.93	18.84
23	13.89	65.21	36.45	12.60	0.01	9.25	0.0	10.14	4.57	0.0	1.60	5.57
24	12.01	54.37	21.06	11.88	12.54	3.85	0.0	5.39	3.38	0.0	1.04	7.71
25	10.52	43.51	39.47	9.00	27.52	1.45	0.0	3.47	2.95	0.0	0.75	6.63
26	8.89	40.26	49.32	6.76	7.16	0.76	3.28	2.25	4.38	0.0	0.54	5.98
27	7.89	37.74	49.64	5.38	3.88	0.60	20.89	1.36	14.29	0.0	0.42	5.10
28	8.52	37.68	63.64	4.15	4.46	0.06	5.14	0.71	11.98	0.0	0.56	4.96
29	11.87		173.86	3.03	1.34	0.0	1.85	0.24	8.00	0.0	0.44	5.50
30	30.80		201.56	2.15	0.47	0.0	0.58	0.23	5.23	0.0	1.41	5.63
31	33.85		62.50		0.10		8.25	19.61		0.0		5.19
MEAN	11.766	95.821	41.452	42.261	5.232	6.897	1.555	16.541	22.554	0.574	0.408	5.763
INCHES	0.704	5.178	2.480	2.447	0.313	0.399	0.115	0.990	1.308	0.034	0.024	0.345
STA AV	1.466	2.938	3.042	2.238	1.085	1.030	0.677	1.356	0.461	0.065	0.057	0.567

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.001926. STA AV based on 7 yr (1968-74) record period.

1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGINA LITTLE RIVER WATERSHED I												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.77	24.26	27.63	52.90	38.77	35.21	1.68	23.79	4.02	0.0	0.0	0.32
2	4.29	27.99	34.43	58.38	34.21	32.51	0.42	332.98	1.71	0.0	0.0	1.17
3	3.70	39.77	31.17	52.09	25.29	18.22	0.07	102.51	0.70	0.0	0.0	1.58
4	5.02	51.27	25.58	38.36	22.25	8.50	0.00	32.50	0.13	0.0	0.0	1.50
5	8.07	39.95	24.58	28.59	17.97	4.49	0.0	28.75	0.00	0.0	0.0	1.10
6	6.82	33.40	23.11	25.61	15.23	2.23	0.0	19.75	0.0	0.0	0.0	0.83
7	5.71	30.13	22.98	22.03	16.28	0.52	0.0	26.69	0.0	0.0	0.0	0.71
8	13.45	24.09	27.04	19.91	25.92	2.37	0.0	28.22	0.0	0.0	0.0	0.73
9	32.69	21.77	22.80	22.55	24.72	1.02	0.0	72.40	0.0	0.0	0.0	1.35
10	20.78	20.97	19.33	248.94	18.86	3.26	0.0	42.85	0.0	0.0	0.0	3.37
11	21.38	21.85	17.79	297.56	15.49	4.27	2.31	23.94	0.0	0.0	0.0	3.29
12	47.42	22.62	19.33	110.82	12.69	11.21	38.81	18.55	0.0	0.0	0.0	2.39
13	124.49	24.32	18.71	59.65	13.83	31.42	31.58	14.63	0.0	0.0	0.0	1.78
14	71.13	20.84	22.91	364.60E	13.85	18.59	24.45	11.14	0.0	0.0	0.0	1.43
15	40.10	16.63	23.63	679.47E	31.54	9.04	66.30	14.17	0.0	0.0	1.01	1.25
16	28.57	21.84	252.87	167.82	61.55	7.31	58.96	6.18	0.0	0.0	1.52	1.17
17	25.71	42.64	274.20	62.38	119.01	4.12	46.47	4.27	0.0	0.0	0.97	1.96
18	24.15	61.87	235.92	62.31	72.13	2.03	49.40	3.40	0.0	0.48E	0.60	6.68
19	25.57	59.76	428.22	56.75	33.62	7.23	36.20	2.74	0.0	1.36E	0.38	6.31
20	48.25	68.62	132.75	67.19	18.20	4.20	18.07	14.06	0.0	0.74E	0.24	4.46
21	51.43	48.11	72.04	57.04	12.73	1.44	83.85	5.99	0.0	0.31E	0.22	3.35
22	37.07	46.35	59.07	43.29	10.48	0.38	57.90	3.31	0.0	0.05E	0.14	2.70
23	47.53	68.92	55.06	37.86	8.10	0.01	60.34	2.60	0.0	0.01	0.07	2.29
24	59.13	62.67	57.94	33.70	5.51	0.0	22.24	1.67	0.0	0.0	0.05	1.96
25	62.73	51.34	85.23	31.83	4.37	0.0	12.56	0.73	0.0	0.0	0.02	2.10
26	58.47	37.40	72.22	29.72	2.98	7.40	8.92	0.28	0.0	0.0	0.00	11.54
27	43.66	30.59	48.76	28.46	2.58	19.61	11.50	0.02	0.0	0.0	0.01	13.07
28	35.80	28.46	39.95	26.87	1.92	5.20	12.78	2.23	0.0	0.0	0.01	9.77
29	30.92		37.65	28.99	1.39	7.12	33.11	6.01	0.0	0.0	0.00	6.66
30	28.56		38.71	28.77	2.93	3.72	32.42	12.45	0.0	0.0	0.06	6.97
31	26.54		47.52		8.91		31.55	11.08		0.0		14.17
MEAN	33.672	37.512	74.160	95.474	22.374	8.460	23.931	26.051	0.219	0.096	0.177	3.806
INCHES	2.014	2.027	4.437	5.528	1.339	0.490	1.432	1.678	0.013	0.006	0.010	0.228
STA AV	1.537	2.824	3.217	2.649	1.116	0.562	0.771	1.397	0.405	0.058	0.052	0.524

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.001926. STA AV based on 8 yr (1968-75) record period.



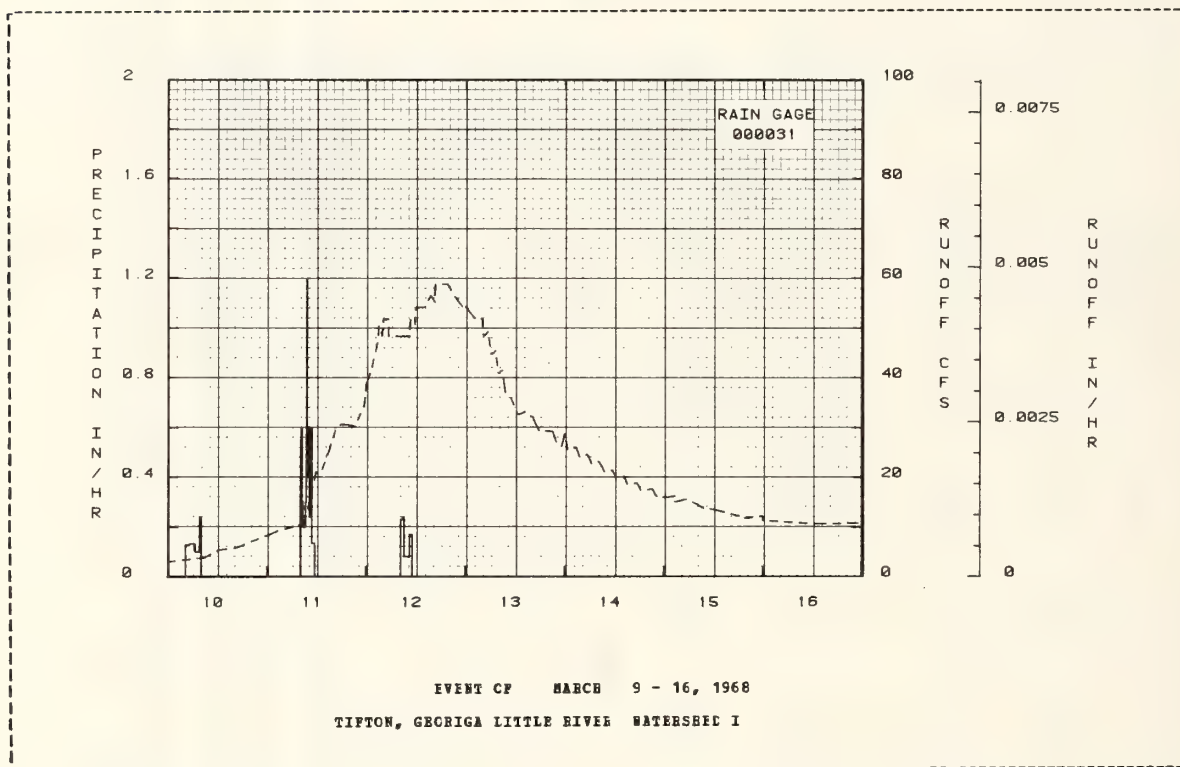
1968 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED I							
ANTECEDENT CONDITIONS			FAINFALL				RUNOFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 9 - 16, 1968										
RG 000031			RG 000031							
3-10	0.0		3-10	424	0.0	0.0	3- 9	2400	3.135	0.0
3- 9		0.006		510	0.1304	0.10	3-10	845	3.859	0.0001
				555	0.1333	0.20		1225	5.463	0.0002
				640	0.1333	0.30		1650	6.016	0.0005
				740	0.1000	0.40		2400	8.415	0.0006
WATERSHED CONDITIONS:				805	0.2400	0.50	3-11	235	9.239	0.0009
Residential, 0.1%; water,			3-11	804	0.0	0.50		905	10.780	0.0011
1.0%; crops, 27.1%; wet-				815	0.5455	0.60		1150	21.172	0.0015
land, 0.3%; pasture, 16%;				825	0.6000	0.70		1320	21.735	0.0016
roads, 0.9%; forest, 54.6%.				845	0.3000	0.60		1455	25.210	0.0020
				915	0.2000	0.50		1630	29.522	0.0023
				935	0.3000	1.00		1750	30.721	0.0027
				940	1.2000	1.10		2115	30.146	0.0077
				950	0.6000	1.20		2330	34.450	0.0079
				1005	0.4000	1.30		2400	36.755	0.0081
				1015	0.6000	1.40	3-12	55	40.915	0.0084
				1040	0.2400	1.50		245	47.112	0.0112
				1050	0.6000	1.60		255	50.489	0.0119
				1135	0.1333	1.70		350	48.313	0.0155
			3-12	824	0.0	1.70		400	51.730	0.0162
				850	0.2308	1.60		520	51.730	0.0217
				915	0.2400	1.50		525	48.313	0.0220
				1030	0.0600	2.00		1030	48.313	0.0416
				1105	0.1714	2.10		1040	51.730	0.0424
								1140	50.702	0.0465
								1150	54.167	0.0472
								1405	54.220	0.0490
								1525	56.544	0.0543
								1630	55.131	0.0573
								1640	58.844	0.0581
								1930	58.844	0.0714
								2200	55.367	0.0722
								2305	54.220	0.0729
								2400	54.220	0.0762
							3-13	205	51.864	0.0839
								400	51.730	0.0908
								415	48.313	0.0911
								525	49.241	0.0957
								610	44.668	0.0960
								710	45.425	0.0996
								755	40.915	0.0999
								855	41.482	0.1032
								935	37.017	0.1034
								1055	35.946	0.1039
								1235	32.565	0.1041
								1420	33.157	0.1050
								1620	31.946	0.1063
								1745	29.356	0.1065
								2105	29.128	0.1077
								2200	27.052	0.1075
								2320	26.307	0.1080
								2400	28.815	0.1095
							3-14	40	25.573	0.1097
								245	26.078	0.1109
								335	24.138	0.1110
								535	24.621	0.1122
								630	22.748	0.1123
								820	23.208	0.1134
								940	21.073	0.1135
								1135	21.504	0.1144
								1225	19.782	0.1145
								1425	20.191	0.1156
								1510	18.535	0.1157
								1725	18.922	0.1166
								1825	17.332	0.1167
								2110	17.697	0.1178
								2210	16.172	0.1179
								2400	15.888	0.1203
							3-15	240	16.226	0.1219
								245	15.055	0.1220

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000025.



1968 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED I							
ANTECEDENT CONDITIONS			FAINFALL			RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 9 - 16, 1968 (CONTINUED)										
							3-15	525	15.657	0.1253
								935	13.718	0.1254
								1215	13.455	0.1283
								1440	12.948	0.1293
								1810	12.202	0.1304
								1945	11.717	0.1304
								2355	12.217	0.1344
								2400	11.243	0.1345
							3-16	1330	10.552	0.1409

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00008025.

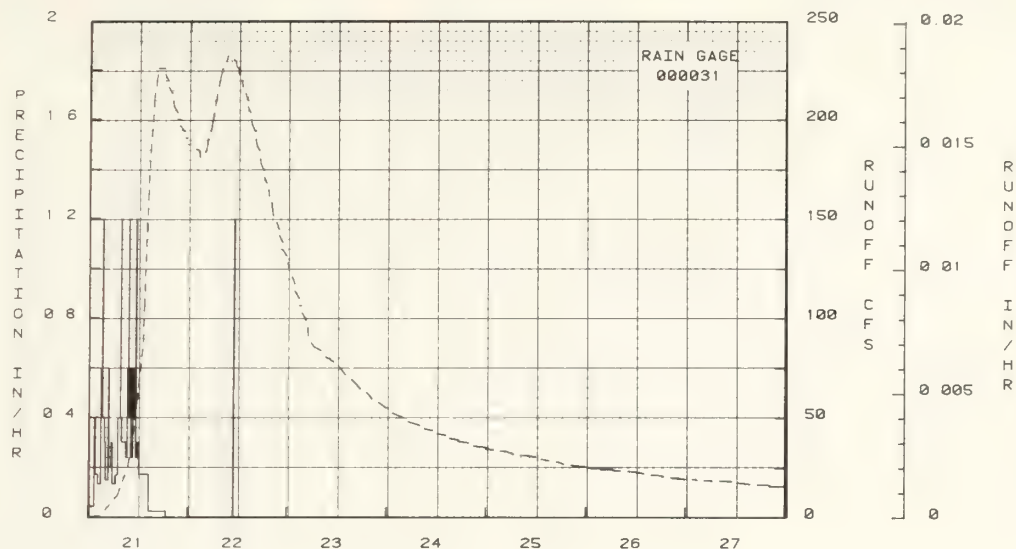


1969			SELECTED BUNCFF EVENT			TIPICR, GEORIGIA LITTLE RIVER			WATERSHED I		
ANTECEDENT CONDITIONS			RAINFALL			BUNCFF					
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF SEPTEMBER 20 - 27, 1969											
BG 000031			FG 000031								
9-20	0.33	0.000	9-20	2400	0.0	0.0	9-20	2400	0.334	0.0	
			9-21	130	0.0467	0.07	9-21	255	0.861	0.0000	
				145	0.4000	0.17		705	11.129	0.0003	
				220	0.1714	0.27		935	25.625	0.0008	
				305	0.1333	0.37		1035	38.117	0.0013	
WATERSHED CONDITIONS: Residential, 0.1%; water, 1.0%; crops, 27.1%; wet- land, 0.3%; pasture, 16%; roads, 0.9%; forest, 54.6%.				315	0.5599	0.47		1140	58.429	0.0017	
				320	1.2001	0.57		1300	84.655	0.0035	
				335	0.4000	0.67		1320	106.259	0.0064	
				350	0.4000	0.77		1350	144.640	0.0114	
				410	0.3000	0.87		1410	164.523	0.0146	
				450	0.1500	0.97		1435	184.076	0.0170	
				500	0.6000	1.07		1520	209.918	0.0288	
				530	0.2000	1.17		1605	222.808	0.0318	
				550	0.3000	1.27		1625	226.035	0.0348	
				635	0.1333	1.37		1750	226.035	0.0605	
				710	0.1714	1.47		1755	222.808	0.0620	
				725	0.4000	1.57		1840	215.586	0.0753	
				740	0.4000	1.67		1845	216.360	0.0768	
				745	1.1599	1.77		1935	213.135	0.0511	
				800	0.4000	1.87		2005	206.691	0.0925	
				820	0.3000	1.97		2055	203.468	0.1062	
				840	0.3000	2.07		2105	200.243	0.1085	
				900	0.3000	2.17		2130	200.243	0.1156	
				925	0.2400	2.27		2135	157.012	0.1170	
				935	0.6000	2.37		2245	153.784	0.1352	
				940	1.1999	2.47		2255	150.553	0.1378	
				955	0.4000	2.57		2330	150.553	0.1467	
				1005	0.6000	2.67		2335	187.314	0.1480	
				1015	0.5599	2.77		2400	187.314	0.1543	
				1040	0.2400	2.87	9-22	220	184.076	0.1890	
				1050	0.5599	2.97		230	180.853	0.1915	
				1105	0.4000	3.07		355	184.076	0.2122	
				1120	0.4000	3.17		430	190.553	0.2147	
				1125	1.1599	3.27		520	197.012	0.2174	
				1150	0.2400	3.37		540	203.468	0.2201	
				1210	0.3000	3.47		635	213.139	0.2257	
				1245	0.1714	3.57		705	215.586	0.2287	
				1320	0.1714	3.67		745	226.035	0.2317	
				1355	0.1714	3.77		845	229.258	0.2455	
				1430	0.1714	3.87		905	232.482	0.2530	
			9-22	1845	0.0235	3.97		1100	229.258	0.2885	
				1100	0.0	3.57		1110	226.035	0.2916	
				1105	1.2001	4.07		1140	226.035	0.3006	
								1145	222.808	0.3021	
								1235	219.586	0.3169	
								1240	216.360	0.3184	
								1320	213.139	0.3299	
								1355	209.918	0.3341	
								1400	206.651	0.3355	
								1435	203.468	0.3451	
								1505	197.012	0.3464	
								1545	193.784	0.3565	
								1610	187.314	0.3581	
								1650	184.076	0.3680	
								1715	177.581	0.3692	
								1800	174.328	0.3758	
								1805	171.064	0.3810	
								1840	167.757	0.3889	
								1910	164.523	0.3911	
								1915	161.234	0.3922	
								1955	157.941	0.4007	
								2020	151.315	0.4018	
								2110	147.985	0.4118	
								2140	144.640	0.4156	
								2145	141.274	0.4166	
								2235	137.855	0.4259	
								2240	134.451	0.4268	
								2335	131.069	0.4366	
								2400	127.624	0.4392	
							9-23	10	124.146	0.4409	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000025.

1969	SELECTED FLOOD EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED I						
ANTECEDENT CONDITIONS			RAINFALL			FLOOD				
Date	Rainfall	Flood	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 20 - 27, 1965 (CONTINUED)										
							9-23	105	120.644	0.4495
								135	117.105	0.4530
								140	113.521	0.4538
								240	109.918	0.4627
								250	106.255	0.4642
								320	106.255	0.4684
								325	102.542	0.4651
								425	98.774	0.4772
								455	94.940	0.4798
								500	91.025	0.4804
								610	85.856	0.4810
								800	83.543	0.4843
								925	80.136	0.4854
								1110	77.907	0.4927
								1250	74.628	0.4983
								1400	71.426	0.4992
								1555	68.300	0.5011
								1735	64.250	0.5015
								1915	62.277	0.5036
								2025	59.378	0.5040
								2205	57.488	0.5059
								2400	54.715	0.5077
							9-24	140	52.017	0.5084
								350	50.255	0.5142
								535	47.684	0.5148
								805	46.008	0.5210
								915	44.365	0.5213
								1110	43.556	0.5281
								1215	41.961	0.5284
								1415	41.177	0.5350
								1520	39.631	0.5353
								1720	38.870	0.5416
								1725	38.117	0.5415
								1945	37.373	0.5489
								2110	35.907	0.5452
								2355	35.186	0.5570
								2400	34.474	0.5572
							9-25	445	33.072	0.5657
								635	31.702	0.5655
								1150	30.363	0.5740
								1320	29.056	0.5742
								1715	27.781	0.5758
								1845	26.536	0.5800
								2400	25.322	0.5865
							9-26	100	24.727	0.5867
								340	24.727	0.5919
								345	24.140	0.5921
								635	24.140	0.5976
								640	23.560	0.5978
								1155	22.988	0.6076
								1405	21.867	0.6077
								1855	20.776	0.6131
								2120	19.716	0.6132
								2400	19.197	0.6133
							9-27	250	19.197	0.6177
								255	18.686	0.6178
								1110	18.182	0.6300
								1350	17.197	0.6301
								1540	16.716	0.6302
								2020	16.242	0.6364
								2025	15.775	0.6365
								2350	15.775	0.6409
								2400	15.316	0.6410

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00006025.



EVENT OF SEPTEMBER 20 - 27, 1969  
TIPTON, GEORGIA LITTLE RIVER WATERSHED I

1970 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED I						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF JUNE 3 - 7, 1970									
RG 000031			RG 000031						
6- 4	0.0		6- 4	559	0.0	0.0	6- 3	2400	51.133
6- 3		0.122		635	0.1667	0.10	6- 4	700	51.133
				710	0.1714	0.20		840	54.716
				820	0.0857	0.30		900	58.429
				840	0.3000	0.40		950	73.553
WATERSHED CONDITIONS:				850	0.5599	0.50		1020	87.032
Residential, 0.1%; water,				855	1.2001	0.60		1040	127.625
1.0%; crops, 27.1%; wet-				900	2.4000	0.80		1125	203.468
land, 0.3%; pasture, 16%;				905	1.2001	0.90		1155	235.714
roads, 0.9%; forest, 54.6%.				915	0.5599	1.00		1215	251.862
				930	0.4000	1.10		1240	261.611
				1000	0.2000	1.20		1320	274.625
				1035	1.2000	1.90		1345	310.749
				1050	0.4000	2.00		1410	357.548
				1135	0.1333	2.10		1430	391.622
								1510	443.812
								1540	475.771
								1650	526.474
								1730	541.185
								1805	548.575
								1835	552.281
								1930	567.156
								2020	582.142
								2120	608.592
								2145	620.020
								2225	635.153
								2250	646.906
								2320	650.769
								2330	654.644
								2400	654.644

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0008025.

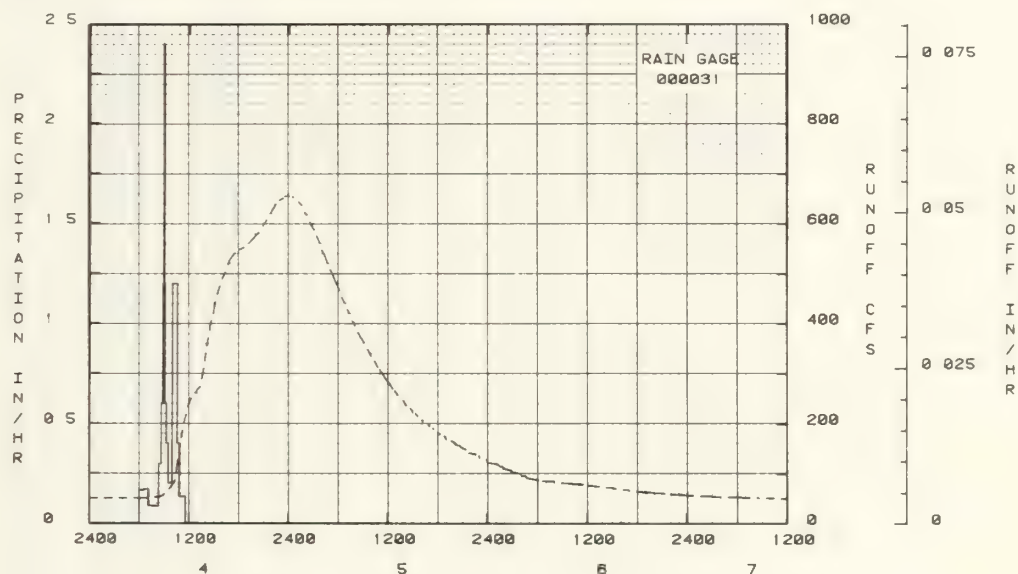


1970			TIFTON, GEORGIA LITTLE RIVER WATERSHED I									
SELECTED RUNOFF EVENT												
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF						
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF JUNE 3 - 7, 1970 (CONTINUED)												
							6- 5	25	654.644	0.3311		
								30	650.769	0.3354		
								110	643.049	0.3397		
								130	635.345	0.3525		
								155	620.020	0.3735		
								210	616.207	0.3859		
								245	593.438	0.4142		
								305	585.858	0.4182		
								320	574.635	0.4255		
								420	533.818	0.4703		
								540	479.355	0.5174		
								545	479.355	0.5206		
								640	440.252	0.5545		
								645	440.252	0.5574		
								710	422.777	0.5718		
								720	415.252	0.5775		
								750	398.500	0.5935		
								800	395.059	0.5992		
								840	371.113	0.6197		
								905	360.933	0.6221		
								955	334.023	0.6335		
								1020	324.021	0.6357		
								1045	310.749	0.6399		
								1100	307.445	0.6461		
								1150	284.427	0.6516		
								1205	281.156	0.6575		
								1235	268.110	0.6593		
								1250	264.856	0.6647		
								1310	255.120	0.6716		
								1350	245.407	0.6766		
								1410	235.714	0.6830		
								1445	229.259	0.6892		
								1500	222.808	0.6937		
								1520	219.587	0.6956		
								1535	213.140	0.7040		
								1610	206.696	0.7054		
								1615	203.468	0.7067		
								1655	197.018	0.7080		
								1700	193.785	0.7094		
								1725	190.554	0.7158		
								1730	187.314	0.7170		
								1810	180.834	0.7183		
								1815	177.581	0.7195		
								1850	174.325	0.7277		
								1905	167.798	0.7311		
								1940	164.523	0.7389		
								2005	161.240	0.7421		
								2010	157.941	0.7432		
								2045	154.637	0.7505		
								2050	151.316	0.7515		
								2125	147.986	0.7586		
								2150	141.275	0.7595		
								2235	137.856	0.7660		
								2300	134.457	0.7687		
								2305	131.070	0.7696		
								2355	127.625	0.7783		
								2400	124.152	0.7751		
							6- 6	20	120.645	0.7799		
								120	117.105	0.7895		
								130	113.537	0.7910		
								150	113.537	0.7941		
								155	109.918	0.7948		
								250	106.259	0.8028		
								255	102.543	0.8035		
								400	98.775	0.8122		
								410	94.941	0.8135		
								440	94.941	0.8173		
								445	91.026	0.8179		
								610	85.858	0.8191		
								640	84.656	0.8197		
								805	83.543	0.8292		
								855	81.262	0.8298		
								1010	80.136	0.8379		
								1015	79.016	0.8384		
								1130	77.907	0.8463		

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.0000025.

1970	SELECTED FLOODING EVENT			TIPON, GEORGIA LITTLE RIVER WATERSHED I						
ANTECEDENT CONDITIONS			RAINFALL				FLOODING			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT OF JUNE 3 - 7, 1970 (CONTINUED)										
							6- 6	1215	75.712	0.6468
								1325	73.553	0.6476
								1505	71.426	0.6536
								1530	69.333	0.6540
								1700	67.276	0.6558
								1705	66.255	0.6563
								1815	64.251	0.6567
								2000	62.276	0.6568
								2005	61.302	0.6592
								2120	60.337	0.6653
								2205	58.429	0.6657
								2345	57.469	0.6734
								2400	56.556	0.6738
							6- 7	45	55.631	0.6742
								305	54.716	0.6845
								310	53.807	0.6845
								630	52.908	0.6992
								640	52.017	0.6999
								835	52.017	0.9079
								840	51.133	0.9082
								1150	50.255	0.9211

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0006025.



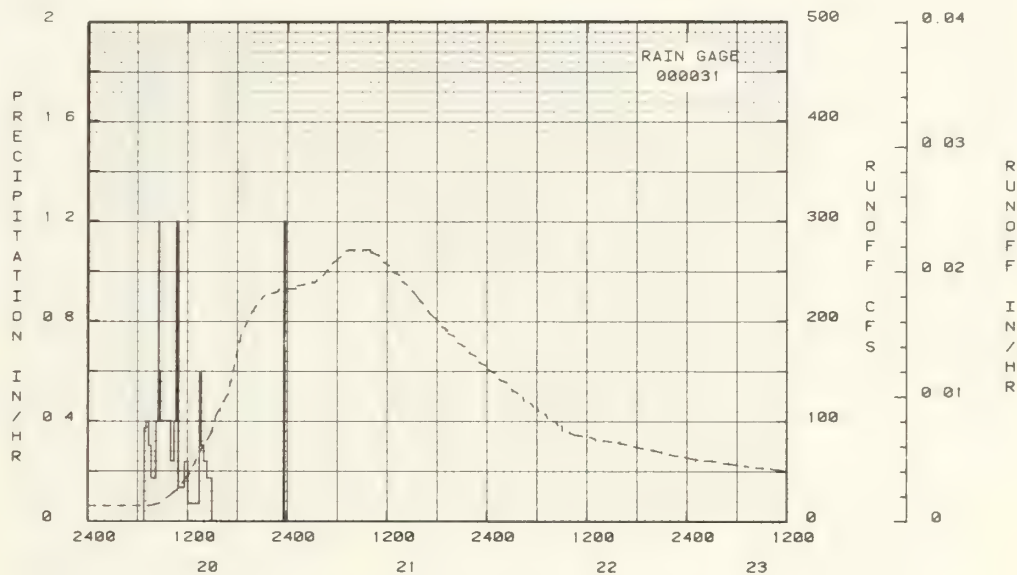
EVENT OF JUNE 3 - 7, 1970  
TIPON, GEORGIA LITTLE RIVER WATERSHED I

1971 SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED I							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 19 - 26, 1971										
RG 000031			RG 000031							
12-20	0.0		12-20	644	0.0	0.0	12-15	2400	15.775	0.0
12-19		0.032		700	0.3750	0.10	12-20	720	15.775	0.0093
				715	0.4000	0.20		840	16.686	0.0094
				735	0.3000	0.30		1045	32.384	0.0104
				810	0.1714	0.40		1215	48.534	0.0111
WATERSHED CONDITIONS: Residential, 0.1%; water, 1.0%; crops, 27.1%; wet- land, 0.3%; pasture, 16%; roads, 0.9%; forest, 54.6%.				825	0.4000	0.50		1350	75.712	0.0125
				830	1.1599	0.60		1445	87.032	0.0137
				840	0.6000	0.70		1525	106.259	0.0158
				855	0.4000	0.80		1650	127.625	0.0183
				910	0.4000	0.90		1825	187.314	0.0383
				925	0.4000	1.00		1945	209.918	0.0411
				940	0.4000	1.10		2050	222.808	0.0440
				955	0.4000	1.20		2115	226.036	0.0470
				1020	0.2400	1.30		2240	229.259	0.0729
				1035	0.4000	1.40		2300	232.483	0.0760
				1050	1.2000	1.70		2400	232.483	0.0947
				1135	0.1333	1.80	12-21	100	232.483	0.1133
				1200	0.2400	1.90		110	235.714	0.1165
				1325	0.0706	2.00		320	238.941	0.1577
				1335	0.5599	2.10		330	242.176	0.1610
				1355	0.3000	2.20		415	245.407	0.1756
				1420	0.2400	2.30		525	258.362	0.1791
				1455	0.1714	2.40		625	264.856	0.1931
				2335	0.0	2.40		710	271.366	0.1967
				2340	1.2001	2.50		955	271.366	0.2566
								1000	268.110	0.2584
								1100	264.856	0.2798
								1130	258.362	0.2816
								1215	255.120	0.2970
								1240	248.641	0.2987
								1325	245.407	0.3136
								1345	238.941	0.3152
								1425	235.714	0.3275
								1520	226.036	0.3309
								1620	216.366	0.3338
								1710	206.656	0.3366
								1805	200.244	0.3460
								1835	193.785	0.3473
								1915	150.554	0.3576
								1920	187.314	0.3589
								2005	184.076	0.3700
								2030	177.581	0.3712
								2120	174.329	0.3830
								2150	167.758	0.3841
								2240	164.523	0.3953
								2310	157.941	0.3963
							12-22	2400	154.637	0.4068
								10	151.316	0.4088
								55	147.986	0.4178
								130	141.275	0.4188
								225	137.856	0.4291
								300	131.070	0.4300
								345	127.625	0.4377
								420	124.152	0.4419
								425	120.645	0.4427
								525	117.109	0.4523
								535	113.537	0.4538
								605	113.537	0.4584
								610	109.918	0.4591
								710	106.259	0.4678
								715	102.543	0.4685
								820	98.775	0.4772
								830	94.941	0.4785
								900	94.941	0.4823
								905	91.026	0.4830
								1035	85.858	0.4841
								1225	83.543	0.4926
								1305	81.262	0.4931
								1555	77.907	0.5015
								1755	73.553	0.5025

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00006025.

1971 SELECTED FURCFF EVENT			TIPTON, GEORGINA LITTLE RIVER WATERSHED I					
ANTECEDENT CONDITIONS			RAINFALL			FURCFF		
Date	Rainfall	Furcff	Date	Time	Intensity	Acc.	Date	Time
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day
EVENT OF DECEMBER 19 - 26, 1971 (CONTINUED)								
				12-22	2010	70.376	0.5044	
					2200	66.259	0.5046	
					2400	63.260	0.5067	
				12-23	120	61.302	0.5051	
					330	59.379	0.5111	
					510	56.556	0.5118	
					720	54.716	0.5181	
					725	53.807	0.5185	
					1015	52.017	0.5216	
					1210	49.353	0.5223	
					1535	47.684	0.5309	
					1715	46.008	0.5313	
					2020	45.183	0.5425	
					2215	43.556	0.5428	
					2400	43.556	0.5465	
				12-24	210	41.962	0.5492	
					700	41.177	0.5653	
					710	40.400	0.5659	
					940	40.400	0.5740	
					945	39.631	0.5743	
					1620	38.871	0.5950	
					1630	38.118	0.5955	
					2250	38.118	0.6149	
					2400	37.373	0.6181	
				12-25	1140	36.636	0.6528	
					1150	35.908	0.6533	
					1855	35.908	0.6737	
					1925	35.187	0.6739	
					2400	35.187	0.6869	
				12-26	1220	34.474	0.7213	
					1240	33.769	0.7216	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000025.



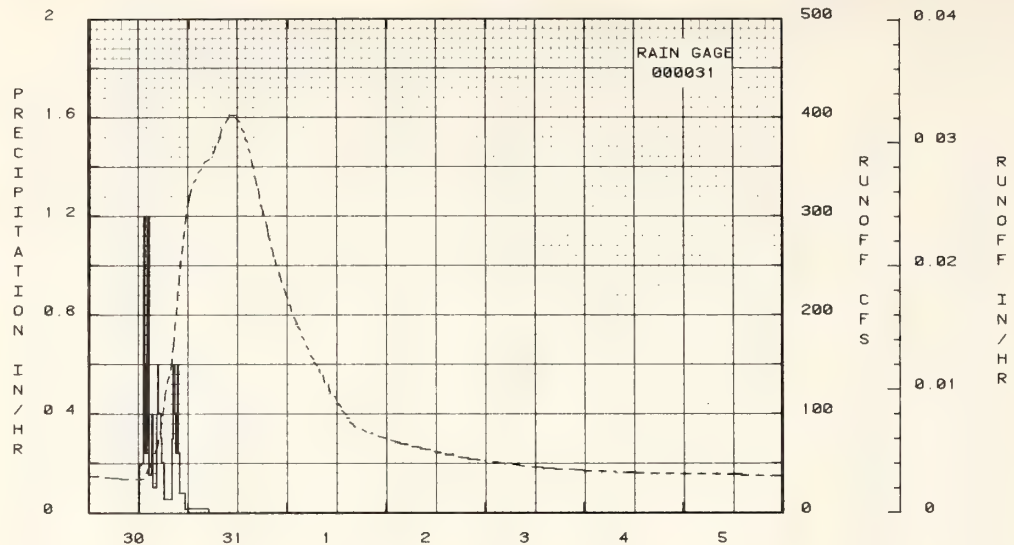
EVENT OF DECEMBER 19 - 26, 1971  
TIPTON, GEORGINA LITTLE RIVER WATERSHED I



1972			TIFTON, GEORGIA LITTLE RIVER WATERSHED I								
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF			MARCH 29 -			APRIL 5, 1972					
FG 000031			FG 000031								
3-30	0.0		3-30	1209	0.0	0.0	3-29	2400	37.373	0.0	
3-29		0.073		1240	0.1535	0.10	3-30	220	36.636	0.0069	
				1310	0.2000	0.20		405	35.187	0.0072	
				1325	1.2000	0.50		740	34.474	0.0172	
				1335	0.6000	0.60		745	33.765	0.0174	
WATERSHED CONDITIONS:											
Residential, 0.1%; water,			1400			0.2400	0.70	1315	33.769	0.0323	
1.0%; crops, 27.1%; wet-			1405			1.2000	0.60	1530	53.807	0.0330	
land, 0.3%; pasture, 16%;			1425			0.3000	0.50	1635	66.255	0.0359	
roads, 0.9%; forest, 54.6%.			1430			1.2000	1.00	1725	83.543	0.0370	
			1510			0.1500	1.10	1830	120.645	0.0459	
			1525			0.4000	1.20	1845	124.152	0.0476	
			1625			0.1000	1.30	1905	134.497	0.0510	
			1640			0.4000	1.40	1925	137.856	0.0547	
			1650			0.6000	1.50	1955	147.966	0.0576	
			1705			0.4000	1.60	2040	177.581	0.0674	
			1720			0.4000	1.70	2120	216.366	0.0702	
			1740			0.3000	1.80	2140	232.483	0.0733	
			1810			0.2000	1.90	2315	294.262	0.1067	
			2005			0.0522	2.00	2400	314.054	0.1109	
			2025			0.3000	2.10	3-31	45	327.350	0.1153
			2035			0.6000	2.20	115	334.023	0.1197	
			2045			0.6000	2.30	150	337.366	0.1354	
			2100			0.4000	2.40	220	344.073	0.1400	
			2125			0.2400	2.50	310	347.435	0.1631	
			2135			0.6000	2.60	345	354.173	0.1678	
			2200			0.2400	2.70	500	357.548	0.2035	
			2315			0.0800	2.80	605	364.319	0.2229	
			2400			0.0133	2.81	635	371.113	0.2279	
			3-31	500	0.0180	2.90		710	374.512	0.2453	
								805	388.186	0.2505	
								900	355.059	0.2663	
								930	398.500	0.2769	
								950	401.954	0.2823	
								1125	401.954	0.3334	
								1130	358.500	0.3360	
								1225	355.059	0.3652	
								1250	388.186	0.3678	
								1330	384.760	0.3885	
								1345	377.923	0.3962	
								1415	374.512	0.4113	
								1430	367.708	0.4187	
								1455	364.319	0.4310	
								1530	350.798	0.4333	
								1550	347.435	0.4427	
								1635	330.679	0.4494	
								1655	327.350	0.4582	
								1715	317.375	0.4668	
								1735	310.749	0.4710	
								1820	300.844	0.4771	
								1905	287.706	0.4750	
								1940	274.625	0.4846	
								2025	264.856	0.4917	
								2040	258.362	0.4969	
								2105	255.120	0.5055	
								2120	248.641	0.5106	
								2200	242.176	0.5122	
								2235	232.483	0.5138	
								2315	226.036	0.5153	
								2400	216.366	0.5167	
							4- 1	55	206.656	0.5181	
								100	203.468	0.5195	
								140	157.018	0.5221	
								230	150.554	0.5298	
								235	187.314	0.5311	
								310	184.076	0.5398	
								335	177.581	0.5410	
								410	174.329	0.5492	
								435	167.758	0.5504	
								515	164.523	0.5592	
								545	157.941	0.5603	

1972	SELECTED FLOWOFF EVENT			TIFICH, GEORGIA LITTLE LIVES			WATERSHED I			
ANTECEDENT CONDITIONS			RAINFALL			FLOWOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)
EVENT CP    RAFCB    29 -    APRIL    5, 1972 (CONTINUED)										
							4- 1	625	154.637	0.5667
								630	151.316	0.5697
								715	147.986	0.5787
								745	144.641	0.5826
								750	141.275	0.5835
								840	137.856	0.5929
								905	131.070	0.5938
								1000	127.625	0.6033
								1030	120.645	0.6041
								1135	117.105	0.6144
								1205	113.537	0.6175
								1210	109.918	0.6182
								1310	106.259	0.6265
								1315	102.543	0.6276
								1425	98.775	0.6370
								1435	94.941	0.6383
								1505	94.941	0.6421
								1510	91.026	0.6427
								1635	85.858	0.6435
								1815	83.543	0.6512
								1910	81.262	0.6518
								2035	80.136	0.6609
								2040	79.016	0.6615
								2210	76.866	0.6625
								2400	74.628	0.6665
							4- 2	110	72.464	0.6690
								320	70.376	0.6723
								325	69.333	0.6728
								515	68.301	0.6829
								620	66.255	0.6833
								830	65.251	0.6948
								835	64.251	0.6952
								1040	63.260	0.7059
								1145	61.302	0.7063
								1320	60.337	0.7140
								1430	58.429	0.7144
								1625	57.489	0.7233
								1740	55.631	0.7237
								1955	54.716	0.7336
								2000	53.807	0.7340
								2245	52.908	0.7458
								2400	52.017	0.7503
							4- 3	10	51.133	0.7506
								320	50.259	0.7635
								500	48.534	0.7638
								800	47.684	0.7754
								935	46.008	0.7757
								1350	45.163	0.7913
								1410	44.366	0.7919
								1635	44.366	0.8005
								1650	43.556	0.8008
								2335	42.755	0.8242
								2400	41.961	0.8253
							4- 4	735	41.177	0.8506
								745	40.400	0.8511
								1240	40.400	0.8671
								1245	39.631	0.8673
								2400	38.870	0.5028

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000025.



EVENT OF MARCH 29 - APRIL 5, 1972  
TIPTON, GEORGIA LITTLE RIVER WATERSHED I

1973			TIPTON, GEORGIA LITTLE RIVER WATERSHED I							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 1 - 7, 1973										
RG 000031			RG 000031							
2- 1	0.0	0.036	2- 1	1219	0.0	0.0	2- 1	1400	31.702	0.0
				1405	0.0566	0.10		1745	36.636	0.0017
				1550	0.0571	0.20		2110	41.177	0.0041
				1630	0.1500	0.30		2220	45.183	0.0053
				1730	0.1000	0.40		2325	53.807	0.0057
WATERSHED CONDITIONS: Residential, 0.1%; water, 1.0%; crops, 27.1%; wet- land, 0.3%; pasture, 16%; roads, 0.9%; forest, 54.6%.				2040	0.0316	0.50		2400	60.337	0.0084
				2150	0.0857	0.60	2- 2	155	64.696	0.0191
				2210	0.3000	0.70		210	65.858	0.0203
				2220	0.3000	0.80		255	106.259	0.0223
				2240	0.6000	0.50		400	127.625	0.0248
				2250	0.6000	1.00		445	151.316	0.0278
				2310	0.3000	1.10		515	164.523	0.0289
				2325	0.4000	1.20		620	203.468	0.0415
				2340	0.4000	1.30		745	248.641	0.0527
				2355	0.4000	1.40		810	255.120	0.0544
				2400	0.2400	1.42		920	264.427	0.0601
			2- 2	15	0.3200	1.50		1055	310.749	0.0642
				35	0.3000	1.60		1155	320.694	0.0749
				45	0.6000	1.70		1300	334.024	0.0793
				230	0.0571	1.80		1355	340.717	0.0839
				300	0.2000	1.90		1405	344.074	0.0884
				340	0.1500	2.00		1450	347.435	0.1093
				415	0.1714	2.10		1610	357.548	0.1259
				430	0.4000	2.20		1620	360.933	0.1307
				450	0.3000	2.30		1715	364.315	0.1574
								1725	367.709	0.1623
								1815	367.709	0.1869
								1845	371.113	0.1894
								1910	367.709	0.1992
								1935	371.113	0.2041

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0006025.

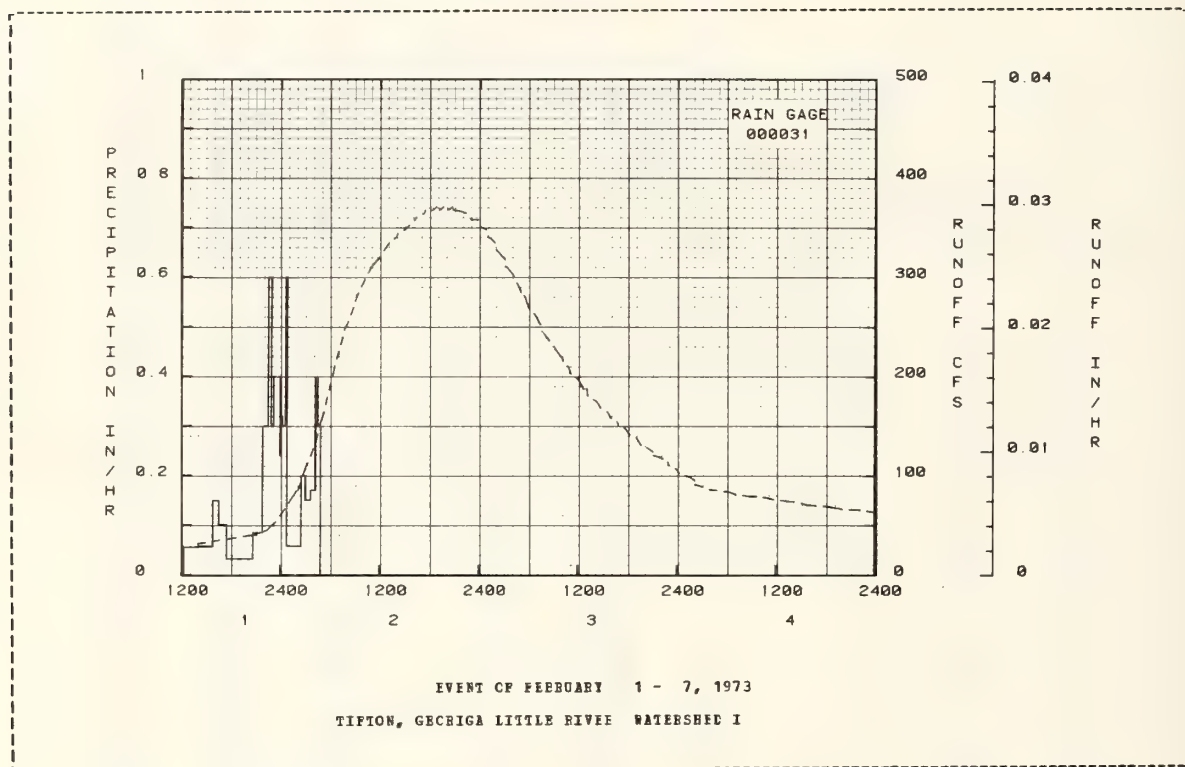
1973			SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER			WATERSEED 1		
ANTECEDENT CONDITIONS			FAINFALL			RUNOFF					
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 1 - 7, 1973 (CONTINUED)											
							2- 2	2010	367.709	0.2066	
								2040	371.113	0.2115	
								2045	367.709	0.2140	
								2220	364.315	0.2605	
								2235	357.548	0.2629	
								2345	357.548	0.2773	
								2400	350.758	0.2796	
							2- 3	45	347.435	0.2936	
								100	340.717	0.3005	
								150	334.024	0.3050	
								200	327.350	0.3094	
								305	317.375	0.3222	
								310	310.749	0.3243	
								410	300.844	0.3365	
								500	284.427	0.3422	
								525	281.157	0.3517	
								600	268.110	0.3535	
								645	261.611	0.3570	
								725	251.882	0.3604	
								735	245.407	0.3637	
								830	235.714	0.3701	
								920	226.036	0.3716	
								1010	216.366	0.3745	
								1045	209.918	0.3829	
								1105	203.468	0.3843	
								1200	197.018	0.3856	
								1240	187.314	0.3869	
								1305	187.314	0.3932	
								1310	180.834	0.3944	
								1415	174.329	0.4038	
								1445	167.798	0.4049	
								1530	164.523	0.4145	
								1600	157.941	0.4160	
								1645	154.637	0.4254	
								1650	151.316	0.4264	
								1740	147.986	0.4364	
								1815	141.275	0.4374	
								1905	137.856	0.4467	
								1935	131.070	0.4476	
								2030	127.625	0.4571	
								2105	124.152	0.4613	
								2110	120.645	0.4621	
								2220	117.109	0.4732	
								2255	113.537	0.4770	
								2300	109.918	0.4778	
								2400	106.259	0.4865	
							2- 4	15	102.543	0.4872	
								135	98.775	0.4979	
								210	94.941	0.5011	
								215	91.026	0.5017	
								400	85.858	0.5029	
								620	83.543	0.5124	
								710	81.262	0.5130	
								845	79.016	0.5135	
								1045	77.907	0.5251	
								1145	75.712	0.5256	
								1415	73.553	0.5300	
								1600	70.376	0.5305	
								1840	68.301	0.5387	
								2005	66.259	0.5392	
								2215	65.251	0.5506	
								2400	63.260	0.5552	
							2- 5	245	62.278	0.5730	
								250	61.302	0.5734	
								555	60.337	0.5885	
								735	58.429	0.5889	
								1105	57.489	0.6036	
								1310	56.556	0.6108	
								1335	55.631	0.6112	
								1845	54.716	0.6340	
								1910	53.807	0.6344	
								2300	52.908	0.6508	
								2400	52.017	0.6543	
							2- 6	100	51.133	0.6546	
								435	50.259	0.6692	

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00006025.



1973 SELECTED FLOOD EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED I							
ANTECEDENT CONDITIONS			RAINFALL			FLOOD				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 1 - 7, 1973 (CONTINUED)										
							2- 6	645	49.353	0.6765
								700	48.534	0.6768
								1540	48.534	0.7106
								1550	49.353	0.7112
								1905	50.259	0.7242
							2- 7	2400	50.259	0.7430
								150	48.534	0.7434
								500	47.664	0.7556
								510	46.843	0.7562

NOTES: To convert runoff in CFS to I<sub>R</sub>/HR, multiply by 0.0008025.

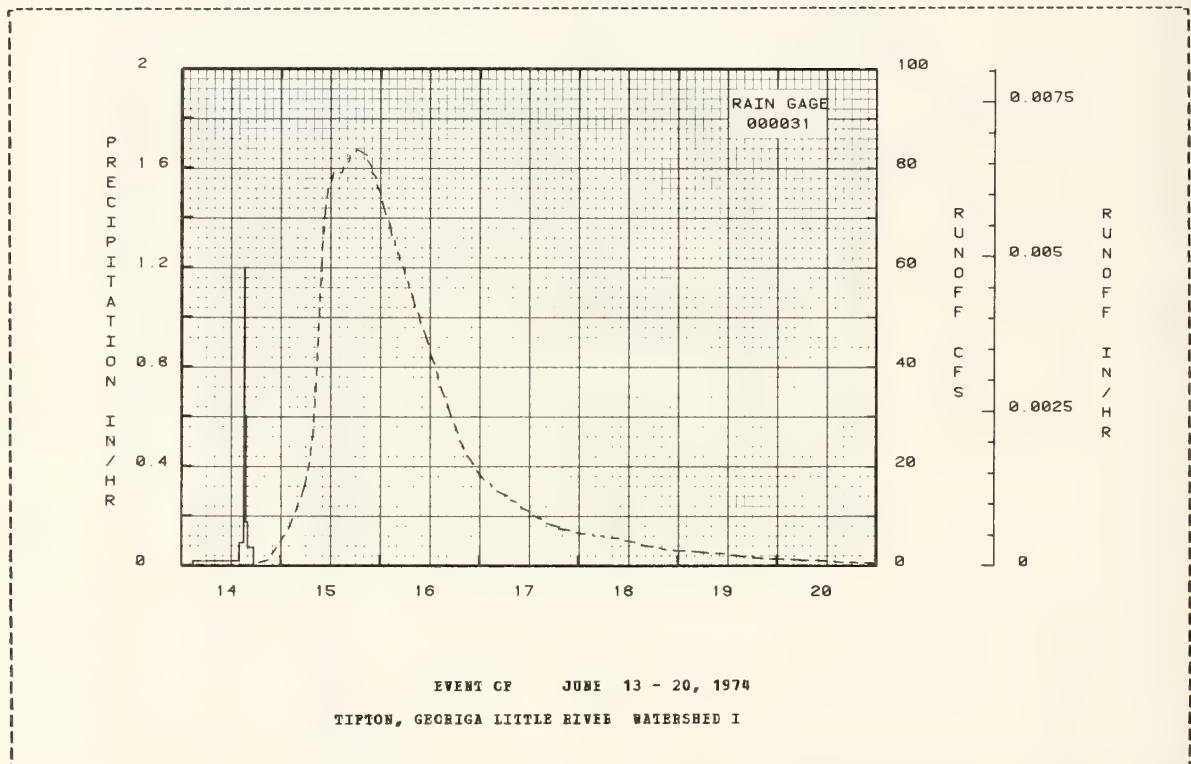


1974 SELECTED FURCPF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED I						
ANTECEDENT CONDITIONS			FAINFALL			FURCPF			
Date Mo-Day	Fainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Acc. (inches)
EVENT OF JUNE 13 - 20, 1974									
EG 000031			EG 000031						
6-14	0.0		6-14	249	0.0	0.0	6-13	2400	0.013
6-13		0.600		825	0.0179	0.10	6-14	1705	0.115
				1400	0.0179	0.20		2055	1.171
				1505	0.0523	0.30		2100	4.880
				1510	1.1999	0.40	6-15	215	7.973
WATERSHED CONDITIONS:				1520	0.6000	0.50		340	11.125
Residential, 0.1%; water,				1530	0.6000	0.60		525	14.865
1.0%; crops, 27.1%; wet-				1605	0.1714	0.70		615	17.666
land, 0.3%; pasture, 16%;				1720	0.0706	0.80		655	20.776
roads, 0.9%; forest, 54.6%.								740	25.925
								825	35.167
								940	60.337
								1000	65.251
								1040	72.464
								1110	75.712
								1215	77.907
								1225	78.016
								1440	79.016
								1450	80.136
								1615	81.262
								1625	82.399
								1810	83.543
								2040	82.359
								2045	81.262
								2140	80.136
								2145	79.016
								2245	77.907
								2315	75.712
								2400	74.628
							6-16	30	72.464
								115	70.376
								215	68.301
								240	66.259
								325	65.251
								330	64.251
								430	62.278
								435	61.302
								540	59.379
								545	58.429
								645	56.556
								650	55.631
								730	54.716
								820	52.017
								915	50.259
								940	48.534
								1035	46.843
								1135	44.366
								1215	41.961
								1305	40.400
								1400	37.373
								1450	35.187
								1615	32.364
								1710	29.706
								1845	26.537
								1925	24.727
								2110	21.867
								2235	20.243
								2400	18.182
							6-17	110	17.157
								255	16.242
								300	15.775
								425	14.865
								645	13.984
								735	13.131
								855	12.717
								1020	11.515
								1215	10.750
								1305	10.013
								1510	9.305
								1640	8.296

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.0000025.

1974	SELECTED RUNOFF EVENT					TIPTON, GEORGIA LITTLE RIVER WATERSHED I				
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 13 - 20, 1974 (CONTINUED)										
							6-17	1920	7.658	0.1207
								1925	7.345	0.1208
								2155	7.048	0.1222
								2400	6.465	0.1225
							6-18	340	6.184	0.1244
								350	5.910	0.1245
								605	5.910	0.1255
								610	5.642	0.1256
								950	5.382	0.1272
								1120	4.860	0.1272
								1340	4.640	0.1281
								1605	3.957	0.1282
								1940	3.535	0.1289
								2115	3.138	0.1289
								2400	2.950	0.1296
							6-19	540	2.768	0.1309
								545	2.552	0.1305
								1125	2.422	0.1320
								1445	1.950	0.1321
								1900	1.534	0.1321
								2400	1.286	0.1325
							6-20	550	1.171	0.1330
								555	1.062	0.1331

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0000625.



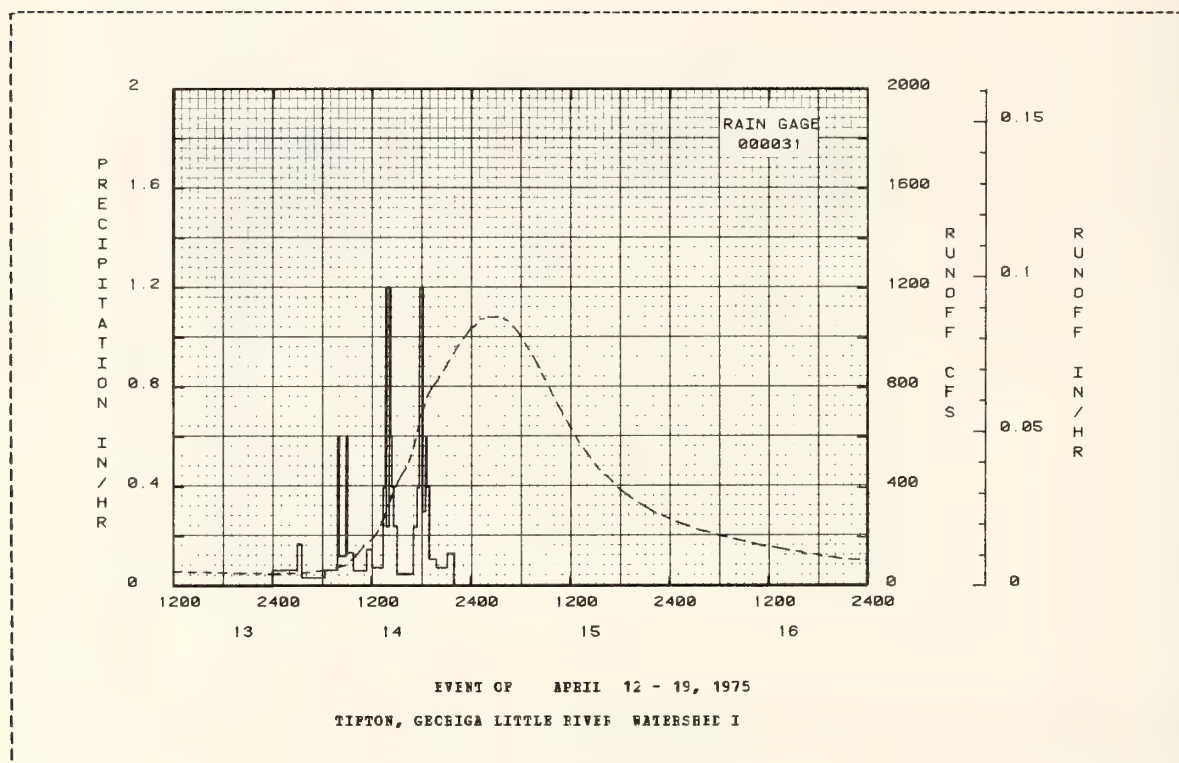
1975 SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED I							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Sainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF APRIL 12 - 15, 1975										
RG 000031			RG 000031							
4-13	0.0		4-13	2359	0.0	0.0	4-12	2400	72.484	0.0
4-12		0.214		2400	0.0	0.0	4-13	315	67.276	0.0005
			4-14	130	0.0667	0.10		540	64.251	0.0013
				300	0.0667	0.20		855	61.302	0.0016
				335	0.1714	0.30		1205	58.425	0.0021
WATERSHED CONDITIONS:				625	0.0353	0.40		1735	54.716	0.0114
Residential, 0.1%; water,				755	0.0667	0.50		2050	52.017	0.0121
1.0%; crops, 27.1%; wet-				805	0.5999	0.60		2400	51.133	0.0168
land, 0.3%; pasture, 16%;				855	0.1200	0.70	4-14	430	57.485	0.0207
roads, 0.9%; forest, 54.6%.				905	0.6000	0.80		650	68.301	0.0216
				950	0.1333	0.90		850	65.856	0.0227
				1125	0.0632	1.00		1000	120.645	0.0243
				1205	0.1500	1.10		1105	164.523	0.0342
				1325	0.0750	1.20		1215	197.018	0.0355
				1340	0.4000	1.30		1250	226.036	0.0385
				1345	1.1599	1.40		1345	297.553	0.0577
				1410	0.2400	1.50		1415	347.435	0.0644
				1415	1.1599	1.60		1515	429.766	0.0956
				1425	0.6000	1.70		1610	479.355	0.1051
				1440	0.4000	1.80		1630	500.976	0.1085
				1505	0.2400	1.90		1705	567.156	0.1122
				1705	0.0500	2.00		1805	705.521	0.1392
				1730	0.2400	2.10		1850	777.667	0.1839
				1745	0.4000	2.20		1935	818.584	0.1893
				1800	1.2000	2.50		1940	818.584	0.1948
				1805	1.1599	2.60		2100	669.514	0.2862
				1810	1.2001	2.70		2120	910.693	0.2983
				1830	0.3000	2.80		2230	975.115	0.3865
				1840	0.5599	2.90		2355	1040.819	0.4346
				1855	0.4000	3.00		2400	1040.815	0.4416
				1950	0.1091	3.10	4-15	35	1054.113	0.4697
				2110	0.0750	3.20		105	1076.383	0.4841
				2155	0.1333	3.30		130	1076.383	0.4985
								200	1085.332	0.5130
								315	1085.332	0.6219
								355	1076.383	0.6579
								425	1067.457	0.6651
								530	1027.575	0.6789
								735	919.208	0.8279
								815	876.869	0.8516
								830	855.926	0.8690
								925	802.147	0.8852
								955	765.510	0.8903
								1105	693.687	0.8997
								1210	631.510	0.9082
								1305	578.384	0.9121
								1355	541.185	0.9268
								1535	468.631	0.9835
								1630	440.292	0.9865
								1810	384.760	0.9917
								1935	350.798	0.9940
								2100	320.694	1.0005
								2225	294.262	1.0065
								2325	281.156	1.0141
								2400	271.366	1.0214
							4-16	130	251.862	1.0230
								230	238.941	1.0246
								340	226.036	1.0277
								455	216.366	1.0306
								605	203.466	1.0319
								755	190.554	1.0422
								915	160.834	1.0459
								1020	171.069	1.0482
								1140	161.240	1.0503
								1310	154.637	1.0629
								1435	144.641	1.0658
								1555	137.896	1.0770
								1640	131.070	1.0779
								1750	127.625	1.0900
								1830	120.645	1.0908

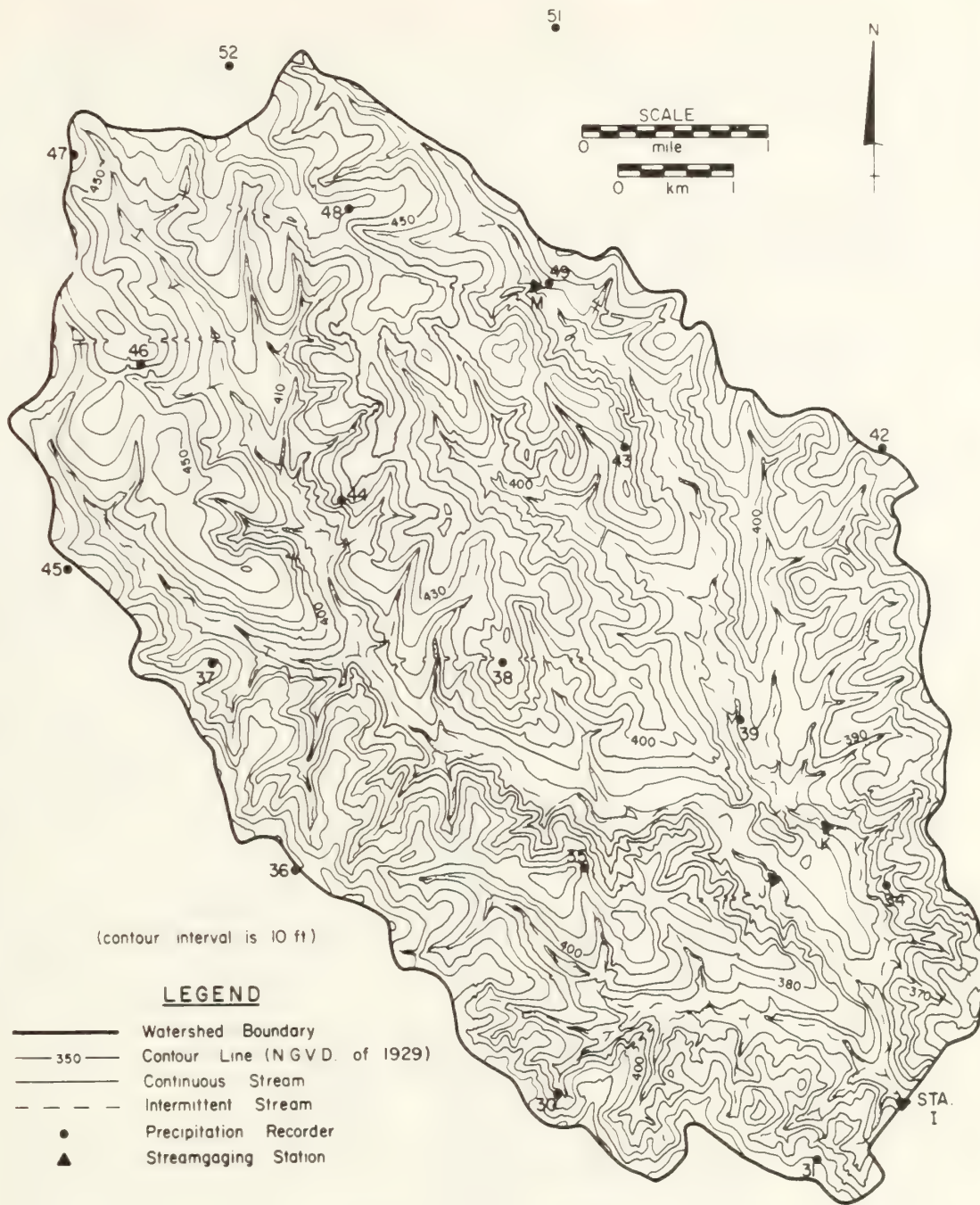
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0006025.



1975	SELECTED FLOW EVENT			TIPTON, GEORGEA LITTLE RIVER WATERSHED I						
ANTECEDENT CONDITIONS			RAINFALL			FLOW				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF APRIL 12 - 19, 1975 (CONTINUED)										
				4-16			2000	117.109	1.1051	
							2055	109.918	1.1059	
							2300	106.255	1.1235	
							2400	102.543	1.1294	
				4-17			235	58.775	1.1503	
							305	94.941	1.1516	
							400	94.941	1.1586	
							405	91.026	1.1592	
							635	85.858	1.1598	
							1030	83.543	1.1766	
							1150	81.262	1.1772	
							1555	77.967	1.1877	
							1915	73.553	1.1911	
							2155	69.333	1.1916	
							2400	67.276	1.1920	
				4-18			130	66.255	1.1925	
							615	65.251	1.2176	
							645	64.251	1.2180	
							1205	63.260	1.2453	
							1705	60.337	1.2583	
							1845	58.429	1.2587	
							2255	57.489	1.2781	
							2400	56.556	1.2803	
				4-19			710	57.489	1.3131	
							825	55.379	1.3139	
							1355	59.379	1.3401	
							1700	55.631	1.3405	
							1930	53.807	1.3409	
							2400	52.017	1.3464	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0008025.





AREA - 12,333 Ac.



LITTLE RIVER EXPERIMENTAL WATERSHED  
TIFTON, GEORGIA  
TOPOGRAPHY OF  
WATERSHED I

TIPTON, GEORGIA LITTLE RIVER WATERSHED J

LOCATION: Turner County, Georgia; approximately 3 miles west of Ashburn on State Highway 32; Little River, Withlacoochee River Sub-basin, Suwanee River Basin. Lat. 31 deg. 41 min. 32 sec., long. 83 deg. 42 min. 09 sec.

AREA: 5466.00 acres 8.54 sq. miles

SLOPES: Slope-Percent 0-2 2-5 5-8 8-12  
Percent of area 15.0 75.0 11.0 1.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwanee, Ocala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, limy clay, degraded limestone) are of Lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OR TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Tifton loamy sand	42.981	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Lcw	Medium
Alapaha loamy sand	13.53	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Lcw	Poor
Cowarts loamy sand and sandy loam	11.15	6-12	Weak fine granular	Moderate	Weak to moderate medium subangular blocky	Moderate in upper to slow in lower part	36	Lcw	Good
Fuquay loamy sand	9.83	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Lcw	Good
Dothan loamy sand	5.13	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium subangular blocky	Moderate	60-72	Lcw	Medium
Kinston-Osier fine sandy loam	3.91	6	Moderate fine granular to moderate  medium granular	Moderate	Weak Medium subangular blocky	Moderate	60	Moderate	Poor to very poor
Leefield loamy sand	2.86	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part moderately slow in lower part	60-68	Lcw	Poor
Esto sandy loam	2.78	4-5	Moderate medium granular	Slow	Moderate medium subangular blocky	Slow	60-72	Lcw	Good
Lakeland sand	2.20	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-85	Moderate	Excessive
Stilson loamy sand	1.45	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Lcw	Moderately well
Pelham loamy	1.04	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Lcw	Poor

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia Institute of Technology, and Middle South Georgia Soil Conservation District



SERIES OR TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSCIL		SUBSCIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Miscellaneous soils (12), each less than 1%	3.14								
TOTAL	100.00								
1/Percent of area based on 1979 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EFCSIGN: Erosion Class + 1 2 3 4 5  
Percent of Area 0.0 82.0 16.0 0.0 0.0 0.0

LAND CAPABILITY: Class I II III IV V VI VII VIII  
Percent of Area 0.3 47.4 10.1 1.9 35.3 0.9 4.1 0.0

GEOLGY: Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station I. Below Station I, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 2 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by E. E. Carver, Department of Geology, University of Georgia).

SISTEM	Formation and percent of area		Description
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Deposited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.
Paleocene	Tampa limestone formation		White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee Limestone		White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone		White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene			Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL		100.00	

SURFACE DRAINAGE: Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 4.8 miles. Drainage density 4.76.

CHARACTER OF FLOW: Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

INSTRUMENTATION: Runoff: Two Fischer and Porter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one PB-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Fifteen Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 1-1/2 mile grid.



WATERSHED CONDITIONS: Residential, 0.3%; water, 0.8%; crops, 26.3%; wetland, 0.1%; pasture, 15.5%; roads, 0.9%; forest, 56.1%.

GENERALLY REPRESENTS: Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)						TIFTON, GEORGIA LITTLE RIVER WATERSHED J											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual			
1968	P	2.72	1.47	2.16	1.94	2.21	1.99	7.22	4.56	0.81	0.43	2.82	5.58	33.91			
	Q	1.136	0.375	0.567	0.065	0.0	0.0	0.0	0.058	0.0	0.0	0.0	0.006	2.208			
1969	P	0.25	3.54	5.97	1.14	7.95	1.46	6.78	6.49	5.57	0.29	0.62	4.18	44.26			
	Q	0.046	0.462	2.457	0.514	2.050	0.170	0.080	1.817	0.887	0.108	0.0	0.389	5.020			
1970	P	2.65	3.63	10.67	1.40	10.10	5.06	6.36	8.26	0.54	3.12	1.39	4.13	57.75			
	Q	0.863	1.611	5.540	2.247	3.245	3.182	1.226	2.892	0.262	0.111	0.138	0.615	21.931			
1971	P	3.75	6.44	7.56	4.24	2.89	3.14	7.71	5.76	0.71	2.05	3.49	6.05	53.79			
	Q	2.268	3.328	6.309	2.304	1.296	0.0	0.455	0.951	0.035	0.0	0.031	2.088	19.064			
1972	P	5.02	5.51	5.64	0.58	2.08	5.76	3.27	1.39	1.09	1.41	2.58	5.35	43.68			
	Q	3.164	4.178	2.376	1.121	0.067	1.904	0.770	0.000	0.0	0.0	0.0	0.0	13.581			
1973	P	5.58	6.72	6.33	7.20	3.29	6.94	5.75	5.44	0.55	0.49	1.12	3.36	52.77			
	Q	1.855	5.845	2.276	6.481	1.086	1.778	1.158	1.286	0.043	0.001	0.004	0.003	21.814			
1974	P	4.94	8.75	4.77	3.76	3.47	4.99	4.21	5.59	5.22	0.65	2.32	2.35	51.02			
	Q	0.565	5.626	2.551	2.562	0.200	0.313	0.011	0.474	0.756	0.003	0.008	0.141	13.215			
1975	P	5.62	3.73	7.15	8.38	4.03	3.33	8.29	4.73	1.10	2.78	2.33	3.48	54.95			
	Q	1.720	1.909	4.648	5.743	1.068	0.327	1.551	1.525	0.004	0.002	0.009	0.173	16.719			
STA AV	P	3.83	4.97	6.28	3.58	4.50	4.58	6.20	5.28	2.00	1.40	2.08	4.31	49.02			
	Q	1.452	2.917	3.340	2.630	1.132	0.555	0.661	1.125	0.248	0.028	0.024	0.427	14.544			
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																	
		Maximum Discharge		1 Hour		2 Hours		6 Hours		12 Hours		1 Day		2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.
1968		3-12	0.006	3-12	0.006	3-12	0.013	3-12	0.038	3-12	0.074	3-12	0.135	3-11	0.232	1-8	0.415
1969		5-27	0.070	5-27	0.070	5-27	0.137	5-27	0.367	5-27	0.584	6-2	0.806	6-2	1.066	7-31	1.541
1970		3-31	0.089	3-31	0.089	3-31	0.177	3-31	0.515	3-31	0.586	3-30	1.719	5-28	2.388	5-28	4.838
1971		3-3	0.114	3-3	0.113	3-3	0.223	3-3	0.565	3-3	0.923	3-3	1.462	3-2	2.133	2-28	3.384
1972		3-31	0.042	3-31	0.042	3-31	0.084	3-31	0.247	3-31	0.461	3-30	0.773	3-30	1.075	2-1	2.086
1973		4-26	0.055	4-26	0.055	4-26	0.110	4-26	0.321	4-26	0.637	4-26	1.109	4-26	1.496	3-31	3.461
1974		2-7	0.048	2-7	0.048	2-7	0.095	2-7	0.277	2-7	0.548	2-7	1.028	2-7	1.645	2-16	2.539
1975		4-15	0.098	4-15	0.098	4-15	0.195	4-14	0.564	4-14	1.036	4-14	1.675	4-14	2.251	4-10	4.151
MAXIMUMS FOR PERIOD OF RECORD																	
		3-3	0.114	3-3	0.113	3-3	0.223	3-3	0.589	4-14	1.038	3-30	1.719	5-28	2.388	5-28	4.838
		1971		1971		1971		1971		1975		1970		1970		1970	

NOTES: Watershed conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.007-31 this publication. For composition map showing location of rain gages see map page 74.002-22 this publication. Precipitation records began January 1968. Runoff records began January 1, 1968. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 15 recording gages. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.

1968 DAILY PRECIPITATION (inches) TIPTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.18	0.0	0.0	0.0	0.0	0.01	0.0	1.74	0.05	0.01	0.0	0.20
2	0.13	0.28	0.0	0.0	0.0	0.17	0.0	0.03	0.0	0.0	0.0	0.05
3	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.89
4	0.01	0.0	0.0	0.0	0.07	0.0	0.91	0.0	0.0	0.0	0.21	0.0
5	0.0	0.0	0.0	0.52	0.01	0.0	0.13	0.06	0.0	0.0	0.02	0.0
6	0.01	0.08	0.0	0.0	0.0	0.31	0.05	0.0	0.0	0.03	0.0	0.0
7	0.19	0.0	0.0	0.0	0.0	0.53	0.30	0.0	0.01	0.12	0.0	0.11
8	0.0	0.0	0.0	0.0	0.0	0.02	0.45	0.01	0.04	0.0	0.0	0.0
9	0.25	0.0	0.0	0.0	0.0	0.0	1.22	0.16	0.25	0.0	0.51	0.0
10	0.66	0.0	0.43	0.08	0.02	0.0	0.85	0.23	0.0	0.01	0.05	0.0
11	0.0	0.0	1.18	0.02	0.0	0.0	0.0	0.01	0.0	0.01	0.83	0.0
12	0.0	0.0	0.27	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.01	0.0
13	0.01	0.0	0.0	0.0	0.0	0.04	0.01	0.35	0.01	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.01	0.0	0.01	0.20
15	0.02	0.22	0.01	0.08	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.0
16	0.0	0.0	0.13	0.0	0.0	0.0	0.01	0.0	0.0	0.01	0.09	0.0
17	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0	0.18	0.02	0.0	0.0
18	0.0	0.22	0.0	0.0	0.55	0.0	0.0	0.93	0.0	0.22	0.32	0.01
19	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.02	0.02
20	0.0	0.0	0.0	0.0	0.0	0.0	0.15	0.0	0.01	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0
22	0.0	0.03	0.11	0.0	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.82
23	0.17	0.32	0.0	0.0	0.0	0.01	0.17	0.0	0.0	0.0	0.0	0.02
24	0.01	0.04	0.0	0.30	0.01	0.01	0.0	0.24	0.0	0.0	0.12	0.0
25	0.0	0.0	0.0	0.05	0.03	0.0	1.03	0.26	0.0	0.0	0.0	0.0
26	0.02	0.0	0.0	0.0	0.61	0.0	0.0	0.05	0.21	0.0	0.0	0.0
27	0.0	0.0	0.0	0.48	0.04	0.0	0.0	0.27	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.23	0.87	0.0	0.0	0.05	0.06	0.0	0.20	0.82
29	0.0	0.27	0.0	0.18	0.0	0.0	0.45	0.0	0.0	0.0	0.03	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	1.34	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.07	0.0	0.0	0.0	1.44
TOTAL	2.72	1.47	2.16	1.94	2.21	1.55	7.22	4.56	0.81	0.43	2.82	5.58
STA AV	2.72	1.47	2.16	1.94	2.21	1.59	7.22	4.56	0.81	0.43	2.82	5.58

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 1 yr (1968) record period.

1969 DAILY PRECIPITATION (inches) TIPTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.02	0.09	0.0	0.0	0.0	0.0	0.03	0.08	0.28	0.04	0.0
2	0.0	0.01	0.0	0.0	0.0	0.0	0.06	3.11	0.01	0.0	0.0	0.0
3	0.0	0.30	0.12	0.0	0.03	0.0	0.10	0.04	0.01	0.0	0.0	0.0
4	0.0	0.0	0.02	0.0	0.01	0.0	0.0	0.87	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.63	0.03	0.02	0.0	0.02	0.02	0.0	0.0	0.0
6	0.01	0.22	1.71	0.01	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.01
7	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.64
8	0.0	0.49	0.13	0.0	0.07	0.0	0.06	0.0	0.94	0.0	0.0	0.0
9	0.06	0.0	0.03	0.0	0.16	0.0	0.18	0.03	0.01	0.01	0.0	0.10
10	0.0	0.0	0.01	0.0	0.0	0.56	0.0	0.06	0.0	0.0	0.0	1.14
11	0.0	0.0	0.0	0.01	0.0	0.04	0.01	0.02	0.0	0.0	0.0	0.0
12	0.0	0.0	0.01	0.0	0.0	0.01	0.67	0.0	0.0	0.0	0.21	0.0
13	0.0	0.0	0.0	0.0	0.01	0.0	0.01	0.05	0.0	0.0	0.10	0.0
14	0.0	0.52	0.0	0.0	0.23	0.0	0.75	0.04	0.0	0.0	0.0	0.0
15	0.0	1.57	0.0	0.02	0.56	0.01	0.29	0.01	0.02	0.0	0.0	0.0
16	0.0	0.04	0.27	0.01	2.07	0.01	0.05	0.03	0.0	0.0	0.01	0.0
17	0.0	0.0	0.33	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.04	0.0
18	0.0	0.0	2.07	0.31	1.22	0.0	0.01	0.02	0.02	0.0	0.0	0.0
19	0.10	0.0	0.0	0.0	0.11	0.0	0.0	0.01	0.28	0.0	0.20	0.0
20	0.09	0.0	0.0	0.0	0.0	0.26	0.15	0.0	0.25	0.0	0.02	0.0
21	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.0	3.80	0.0	0.0	1.14
22	0.02	0.34	0.0	0.0	0.0	0.0	1.06	1.08	0.05	0.0	0.0	0.0
23	0.01	0.01	0.07	0.0	0.08	0.0	0.61	0.85	0.01	0.0	0.0	0.09
24	0.0	0.01	1.11	0.0	0.0	0.0	0.55	0.01	0.0	0.0	0.0	0.01
25	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.01	0.0	0.0	0.85
26	0.0	0.0	0.0	0.0	2.54	0.0	0.0	0.0	0.01	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.34	0.09	0.16	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.14	0.0	0.0	1.18	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.01	0.01	0.01	0.05	0.0	0.01	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.47	0.0	0.51	0.07	0.0	0.0	0.0	0.07
31	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.13	0.0	0.0	0.0	0.13
TOTAL	0.29	3.54	5.97	1.14	7.55	1.46	6.78	6.49	5.57	0.29	0.62	4.18
STA AV	1.51	2.51	4.07	1.54	5.08	1.73	7.00	5.53	3.19	0.36	1.72	4.88

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 2 yr (1968-69) record period.

1970 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.25	0.22	0.0	0.0	0.0	0.36	0.0	0.13	0.17	0.0	0.0	0.0
2	0.0	1.08	0.0	0.28	0.0	0.10	0.0	0.01	0.0	0.0	0.0	0.0
3	0.0	0.29	0.0	0.0	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	1.12	0.0	0.19	2.11	0.30	0.0	0.0	0.0	0.0	0.0
5	0.14	0.0	0.08	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.96	0.0	0.0	0.03	0.0	0.0	0.0	1.33	0.01	0.0	0.0	0.0
7	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.0	0.0
8	0.0	0.0	0.96	0.0	0.0	0.0	0.04	0.34	0.0	0.06	0.0	0.0
9	0.0	0.02	0.01	0.0	0.0	0.0	0.27	0.03	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.01	0.03	1.34	0.0	0.0	1.05	0.0
11	0.20	0.0	0.34	0.0	0.0	0.0	0.23	0.13	0.19	0.0	0.0	0.0
12	0.03	0.0	0.02	0.20	0.0	0.0	0.05	0.01	0.0	0.0	0.0	0.14
13	0.0	0.0	0.0	0.01	0.0	0.14	0.06	0.01	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.07	0.30	0.0
15	0.18	0.0	0.0	0.0	0.14	0.01	0.0	0.04	0.0	0.0	0.0	0.23
16	0.0	1.12	0.0	0.0	0.21	0.0	0.66	0.04	0.03	0.0	0.0	1.45
17	0.02	0.40	0.07	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0
18	0.0	0.01	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.01	0.55	0.0	0.0	0.0	0.0	0.0	0.53	0.0	0.0
20	0.0	0.0	1.29	0.07	0.0	0.0	0.30	0.01	0.0	0.08	0.02	0.0
21	0.0	0.0	1.94	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.01
22	0.0	0.0	0.01	0.0	0.0	0.84	0.65	0.0	0.0	0.0	0.0	0.0
23	0.12	0.0	0.0	0.0	0.0	0.14	0.43	1.98	0.0	0.0	0.0	0.0
24	0.0	0.02	0.0	0.0	0.0	0.07	1.25	1.07	0.02	2.20	0.0	0.01
25	0.0	0.44	0.0	0.0	1.24	0.19	0.02	0.59	0.28	0.06	0.0	0.09
26	0.02	0.0	0.0	0.14	1.31	0.0	1.86	1.11	0.0	0.0	0.0	0.0
27	0.0	0.03	0.0	0.04	0.04	1.04	0.03	0.02	0.23	0.0	0.02	0.0
28	0.0	0.0	0.97	0.0	3.81	0.01	0.10	0.0	0.01	0.0	0.0	0.0
29	0.70	0.0	0.03	0.0	1.58	0.0	0.0	0.0	0.0	0.12	0.0	1.43
30	0.06	2.85	0.0	0.51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.44
31	0.0	0.95	0.0	0.04	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.33
TOTAL	2.69	3.63	10.67	1.40	10.10	5.06	6.36	8.26	0.94	3.12	1.39	4.13
STA AV	1.90	2.88	6.27	1.49	6.75	2.84	6.75	6.44	2.44	1.28	1.61	4.63

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 3 yr (1968-70) record period.

1971 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.25	0.01	0.02	0.0	0.15	0.10	0.0	0.0	0.0	0.05
2	0.0	0.0	1.81	0.58	0.22	0.0	1.48	0.15	0.09	0.0	0.04	1.15
3	0.0	0.0	1.53	0.01	0.01	0.0	0.26	0.0	0.10	0.0	0.36	1.31
4	0.84	0.0	0.01	0.0	0.0	0.0	0.60	0.67	0.09	0.0	0.0	0.01
5	0.13	0.76	0.0	1.20	0.0	0.0	0.01	0.04	0.03	0.01	0.0	0.02
6	0.0	0.0	0.01	0.02	0.01	0.0	0.08	0.01	0.04	0.0	0.0	0.14
7	0.0	1.60	0.09	0.0	0.0	0.11	0.58	0.0	0.01	0.0	0.0	0.25
8	1.43	0.65	0.0	0.01	0.61	0.0	0.03	0.02	0.0	0.0	0.0	0.0
9	0.09	0.0	0.0	0.0	0.0	0.08	0.01	1.56	0.0	0.52	0.10	0.0
10	0.0	0.01	0.07	0.0	0.01	0.0	0.05	0.13	0.0	0.15	0.01	0.0
11	0.0	0.0	0.0	0.0	0.0	0.07	0.64	0.54	0.0	0.0	0.0	0.44
12	0.01	0.37	0.0	0.0	0.89	0.01	0.01	0.01	0.0	0.02	0.01	0.01
13	0.0	0.06	0.31	0.0	0.01	0.42	0.0	0.0	0.0	0.0	0.0	0.02
14	0.0	0.0	0.01	0.0	0.01	0.0	0.14	0.0	0.0	0.34	0.0	0.0
15	0.16	0.0	0.11	0.0	1.02	0.35	0.66	0.0	0.0	0.05	0.0	0.0
16	0.0	0.02	0.0	0.0	0.01	0.04	0.03	0.18	0.01	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.01	0.59	0.01	0.01	0.14	0.02	0.0	0.07
18	0.0	0.0	0.0	0.0	0.0	0.11	0.0	0.02	0.0	0.0	0.0	0.0
19	0.0	0.0	0.30	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.01
20	0.0	1.14	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.15	0.01	2.54
21	0.0	0.02	0.0	0.0	0.01	0.39	0.0	0.0	0.15	0.08	0.01	0.01
22	0.0	0.25	0.19	0.0	0.0	0.02	0.0	0.08	0.05	0.0	0.0	0.01
23	0.12	0.01	0.15	0.24	0.0	0.0	0.0	0.22	0.0	0.02	0.01	0.0
24	0.0	0.0	0.0	0.01	0.0	0.01	0.03	0.05	0.0	0.27	0.12	0.0
25	0.55	0.0	1.02	0.0	0.0	0.0	0.01	0.40	0.0	0.0	0.01	0.01
26	0.0	0.38	0.92	0.0	0.01	0.0	0.33	0.01	0.0	0.0	0.0	0.0
27	0.0	0.11	0.0	0.0	0.01	0.0	0.03	0.02	0.0	0.0	0.02	0.0
28	0.0	1.06	0.01	0.06	0.02	0.35	0.03	0.0	0.0	0.0	1.52	0.0
29	0.0	0.77	0.78	0.0	0.56	0.56	1.46	1.51	0.0	0.0	1.27	0.0
30	0.42	0.0	1.32	0.0	0.02	0.0	0.34	0.03	0.0	0.01	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.71	0.0	0.0	0.01	0.0	0.0
TOTAL	3.75	6.44	7.56	4.24	2.89	3.14	7.71	5.76	0.71	2.05	3.49	6.05
STA AV	2.36	3.77	6.59	2.18	5.79	2.51	7.02	6.27	2.01	1.47	2.08	4.59

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 4 yr (1968-71) record period.



1972 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	1.35	0.0	0.01	0.0	0.0	0.16	0.0	0.0	0.01	0.0	0.0
2	0.42	0.01	0.48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	1.17	0.02	0.01	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.59	0.0	0.14	0.0	0.0	0.0	1.54	0.0	0.0	0.0	0.0	0.09
6	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.26	2.02
7	0.0	0.75	0.01	0.0	0.0	0.0	0.01	0.04	0.0	0.0	0.0	0.0
8	0.0	0.0	0.24	0.05	1.12	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.02	0.0	0.01	0.0	0.0	0.0	0.0	0.11	0.25	0.0	0.0	0.0
10	0.30	0.0	0.0	0.0	0.0	0.02	0.0	0.01	0.01	0.0	0.04	0.0
11	1.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0
12	0.02	0.54	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.96	0.0	0.0	0.0	0.47	0.0	0.01	0.0	0.0	0.0	0.67	0.0
14	0.0	0.01	0.0	0.0	0.02	0.0	0.0	0.72	0.0	0.24	0.01	0.03
15	0.0	0.24	0.0	0.0	0.04	0.0	0.05	0.01	0.0	0.02	0.0	0.36
16	0.0	0.51	0.55	0.0	0.0	0.01	0.04	0.02	0.0	0.0	0.0	0.0
17	0.0	0.05	0.01	0.0	0.0	0.12	0.03	0.01	0.0	0.0	0.0	0.0
18	0.01	0.0	0.06	0.0	0.01	0.04	0.0	0.0	0.0	0.0	0.0	0.0
19	0.01	0.0	0.05	0.0	0.02	0.17	0.0	0.0	0.0	0.0	0.29	0.0
20	0.01	0.01	0.01	0.0	0.18	1.32	0.03	0.0	0.0	0.0	0.0	0.01
21	0.02	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.84
22	0.39	0.0	0.05	0.47	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10
23	0.02	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.0	0.0	0.28	0.0	0.25
25	0.03	0.0	0.16	0.0	0.0	2.56	0.20	0.0	0.03	0.0	0.67	0.0
26	0.0	0.39	0.0	0.0	0.0	0.09	0.0	0.19	0.0	0.0	0.0	0.01
27	0.0	0.25	0.01	0.0	0.10	1.33	0.05	0.0	0.03	0.85	0.0	0.0
28	0.01	0.01	0.54	0.0	0.09	0.02	0.0	0.28	0.03	0.0	0.0	0.0
29	0.37	0.01	0.02	0.0	0.01	0.06	0.0	0.0	0.0	0.0	0.20	0.0
30	0.16		2.76	0.0	0.0	0.0	0.15	0.0	0.74	0.01	0.20	0.0
31	0.08		0.10		0.0		0.65	0.0		0.0		1.60
TOTAL	5.02	5.51	5.64	0.56	2.08	9.76	3.27	1.39	1.05	1.41	2.58	5.35
STA AV	2.89	4.12	6.40	1.86	5.05	4.28	6.27	5.29	1.82	1.46	2.18	5.06

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 5 yr (1968-72) record period.

1973 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.81	1.20	0.0	0.48	0.0	0.08	0.0	0.03	0.15	0.04	0.0	0.0
2	0.42	1.31	0.0	0.0	0.0	0.11	0.0	0.49	0.0	0.0	0.0	0.0
3	0.0	0.0	0.14	1.09	0.0	0.0	0.0	0.33	0.0	0.0	0.0	0.0
4	0.20	0.01	0.01	0.03	0.0	0.0	0.0	1.24	0.0	0.0	0.0	0.22
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.60
6	0.0	0.0	0.05	0.0	0.0	1.05	0.04	0.0	0.0	0.0	0.0	0.0
7	0.22	0.0	0.0	1.79	0.0	0.03	0.0	1.08	0.0	0.0	0.0	0.0
8	0.90	0.79	0.0	0.0	0.53	0.64	2.45	0.01	0.0	0.0	0.01	0.0
9	0.0	1.89	0.15	0.0	0.01	0.53	0.02	0.0	0.03	0.0	0.06	0.0
10	0.05	0.02	0.03	0.0	0.0	0.19	0.0	0.0	0.03	0.0	0.0	0.0
11	0.01	0.42	0.0	0.0	0.0	0.18	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.01	0.31	0.0	0.0	0.25	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.02	0.0	0.0	0.0	0.51	0.0	0.16	0.0	0.0	0.0
14	0.0	1.05	0.0	0.0	0.0	0.20	0.38	0.23	0.08	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.01	0.02	0.0	0.01	0.90
16	0.0	0.0	0.99	0.0	0.0	0.26	0.45	0.64	0.0	0.0	0.0	0.50
17	0.0	0.0	0.0	0.0	0.0	0.38	0.04	0.01	0.0	0.01	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.02	0.24	0.21	0.0	0.0	0.0	0.0
19	0.77	0.0	0.0	0.0	0.02	0.02	0.02	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.17	0.0	0.05	0.03	0.0	0.0	0.0	0.0	0.08	0.10
21	0.28	0.0	0.01	0.0	0.0	0.04	0.01	0.0	0.0	0.0	0.43	0.01
22	0.72	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.04	0.02	0.0
23	0.0	0.0	0.0	0.0	0.0	0.79	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.03	0.0	0.01	0.0	0.0	0.0	0.0	0.02
25	0.0	0.01	1.17	1.48	0.09	0.06	0.14	0.0	0.0	0.0	0.01	0.0
26	0.71	0.01	0.0	2.32	1.45	0.0	0.56	0.10	0.02	0.0	0.0	0.64
27	0.0	0.0	0.0	0.0	0.0	0.0	0.48	0.0	0.06	0.0	0.0	0.0
28	0.49	0.0	0.18	0.01	0.0	1.55	0.07	0.0	0.0	0.21	0.50	0.0
29	0.0		0.31	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0		0.88	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0	0.26
31	0.0		1.91		0.0		0.29	1.05		0.19		0.11
TOTAL	5.58	6.72	6.33	7.20	3.29	6.94	5.75	5.44	0.55	0.49	1.12	3.36
STA AV	3.34	4.55	6.39	2.75	4.75	4.73	6.18	5.32	1.61	1.30	2.00	4.78

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 6 yr (1968-73) record period.



1974 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.15	0.07	0.0	0.0	0.0	0.0	0.0	0.77	0.01	0.0	0.0	0.0
2	0.0	0.31	0.0	0.76	0.0	0.58	0.31	0.06	0.06	0.0	0.0	0.0
3	0.02	0.45	0.0	0.0	0.0	0.20	0.84	0.16	0.05	0.0	0.0	0.0
4	0.07	0.0	0.0	1.80	0.0	0.01	0.0	0.28	0.0	0.0	0.0	0.0
5	0.01	0.0	0.0	0.04	0.24	0.37	0.0	0.70	0.73	0.0	0.0	0.0
6	0.04	2.45	0.0	0.0	0.0	0.01	0.0	0.74	1.91	0.0	0.0	0.0
7	0.04	1.61	0.0	0.0	0.0	0.0	0.0	0.50	0.71	0.0	0.0	0.39
8	0.01	0.23	0.0	0.46	0.0	0.12	0.05	0.02	0.47	0.0	0.0	0.0
9	0.01	0.0	0.0	0.0	0.0	0.01	0.0	0.01	0.27	0.0	0.12	0.0
10	0.01	0.0	0.0	0.0	0.0	0.28	0.0	0.0	0.02	0.0	0.0	0.0
11	1.25	0.0	0.0	0.0	1.55	0.01	0.0	0.0	0.0	0.0	0.16	0.0
12	0.0	0.0	0.02	0.01	0.02	0.0	0.04	0.0	0.0	0.0	0.0	0.05
13	0.01	0.01	0.0	0.20	0.0	0.04	0.0	0.11	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.04	0.0	1.70	0.0	0.04	0.0	0.0	0.08	0.0
15	0.0	0.14	0.0	0.27	0.15	0.0	0.0	0.05	0.0	0.01	0.02	0.45
16	0.0	2.04	0.17	0.0	0.10	0.0	0.0	0.01	0.0	0.64	0.01	0.0
17	0.0	0.0	0.0	0.0	0.01	0.0	0.13	0.12	0.31	0.0	0.34	0.0
18	0.0	0.0	0.0	0.01	0.0	0.0	0.04	0.01	0.0	0.0	0.0	0.0
19	0.0	1.14	0.33	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.20	0.0	0.17	0.0	0.03	0.18	0.71	0.23	0.0	0.0	1.02	1.25
21	0.12	0.0	0.76	0.0	0.0	0.79	0.01	0.68	0.0	0.0	0.0	0.0
22	0.0	0.29	0.0	0.14	0.0	0.02	0.0	0.01	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.01	1.24	0.03	0.0	0.0	0.0	0.0	0.0	0.0
24	0.01	0.0	0.01	0.0	0.0	0.0	0.23	0.0	0.0	0.0	0.0	0.01
25	0.0	0.0	0.65	0.0	0.0	0.0	0.38	0.03	0.01	0.0	0.0	0.01
26	0.0	0.0	0.26	0.0	0.12	0.0	0.75	0.0	0.65	0.0	0.0	0.0
27	0.0	0.0	0.50	0.0	0.0	0.21	0.12	0.01	0.02	0.0	0.0	0.0
28	0.17	0.01	0.11	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.67
29	0.57		1.79	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0
30	0.24		0.0	0.0	0.01	0.0	0.45	0.53	0.0	0.0	0.57	0.0
31	0.01		0.0		0.0		0.03	0.50		0.0		0.0
TOTAL	4.94	8.75	4.77	3.76	3.47	4.59	4.21	5.59	5.22	0.65	2.32	2.35
STA AV	3.57	5.15	6.16	2.85	4.57	4.76	5.50	5.36	2.13	1.21	2.05	4.43

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 7 yr (1968-74) record period.

1975 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.24	0.43	0.0	0.0	0.0	2.10	0.0	0.22	0.0	0.41
2	0.0	0.20	0.0	0.02	0.01	0.07	0.0	0.01	0.0	0.02	0.0	0.0
3	0.02	0.42	0.0	0.13	0.06	0.02	0.0	0.01	0.0	0.0	0.0	0.0
4	0.31	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.37	0.0	0.0
5	0.0	0.08	0.02	0.0	0.0	0.02	0.33	0.02	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.31	0.01	0.13	0.0	0.0
7	0.01	0.0	0.14	0.0	0.34	0.01	0.07	0.01	0.01	0.58	0.13	0.09
8	0.97	0.0	0.0	0.0	0.0	0.02	0.44	0.71	0.10	0.06	0.20	0.0
9	0.0	0.01	0.0	0.90	0.0	0.27	0.03	0.0	0.04	0.0	0.02	0.41
10	0.01	0.02	0.02	2.21	0.02	0.23	0.05	0.07	0.09	0.0	0.42	0.0
11	0.41	0.02	0.0	0.11	0.0	0.53	2.06	0.07	0.01	0.0	0.01	0.0
12	2.01	0.14	0.0	0.0	0.17	0.60	0.0	0.01	0.0	0.0	1.20	0.0
13	0.0	0.0	0.01	0.05	0.07	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.34	3.69	0.53	0.0	1.05	0.0	0.0	0.0	0.0	0.0
15	0.01	0.0	0.0	0.03	0.34	0.19	0.72	0.0	0.0	0.0	0.0	0.0
16	0.0	0.41	3.11	0.0	0.77	0.01	0.05	0.0	0.0	0.01	0.0	0.02
17	0.0	0.58	0.0	0.02	0.43	0.0	0.33	0.01	0.19	1.35	0.01	0.64
18	0.0	0.15	2.44	0.0	0.0	0.03	0.04	0.0	0.10	0.0	0.0	0.0
19	0.42	0.63	0.0	0.06	0.0	0.26	0.0	0.14	0.03	0.0	0.01	0.0
20	0.20	0.0	0.0	0.23	0.0	0.0	1.00	0.01	0.02	0.0	0.0	0.0
21	0.0	0.11	0.0	0.0	0.0	0.01	0.75	0.14	0.05	0.0	0.15	0.0
22	0.21	0.58	0.0	0.0	0.0	0.0	0.01	0.01	0.07	0.0	0.0	0.0
23	0.44	0.05	0.0	0.0	0.0	0.0	0.01	0.01	0.10	0.0	0.02	0.0
24	0.29	0.28	0.59	0.0	0.0	0.01	0.0	0.0	0.03	0.0	0.0	0.0
25	0.31	0.0	0.0	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.81
26	0.0	0.0	0.0	0.0	0.07	0.68	0.03	0.0	0.0	0.0	0.0	0.05
27	0.0	0.0	0.0	0.07	0.0	0.0	0.02	0.34	0.0	0.0	0.14	0.0
28	0.0	0.0	0.0	0.0	0.01	0.0	0.65	0.48	0.0	0.0	0.02	0.0
29	0.0		0.0	0.05	0.05	0.19	0.11	0.25	0.20	0.0	0.0	0.17
30	0.0		0.24	0.34	0.18	0.02	0.31	0.02	0.01	0.0	0.0	0.20
31	0.0		0.0		0.58		0.01	0.0		0.0		0.66
TOTAL	5.62	3.73	7.15	8.38	4.03	3.33	8.25	4.73	1.10	2.78	2.33	3.48
STA AV	3.83	4.97	6.28	3.58	4.50	4.58	6.20	5.28	2.00	1.40	2.08	4.31

NOTES: Values are weighted using Reciprocal Distance Squared Method from 15 recording gages. STA AV are based on 8 yr (1968-75) record period.

1968 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.673	3.076	3.656	0.810	0.0	0.0	0.0	3.553	0.0	0.0	0.0	0.0
2	20.251	3.417	2.939	0.672	0.0	0.0	0.0	7.293	0.0	0.0	0.0	0.0
3	21.367	5.440	2.116	0.571	0.0	0.0	0.0	0.562	0.0	0.0	0.0	0.0
4	13.229	5.639	1.606	0.510	0.0	0.0	0.0	0.122	0.0	0.0	0.0	0.0
5	9.002	3.812	1.297	0.485	0.0	0.0	0.0	0.035	0.0	0.0	0.0	0.0
6	7.053	3.351	1.129	2.455	0.0	0.0	0.0	0.014	0.0	0.0	0.0	0.0
7	7.254	3.312	1.023	3.717	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0
8	7.677	2.817	0.517	1.898	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	6.440	2.329	0.896	1.167	0.0	0.0	0.0	0.002	0.0	0.0	0.0	0.0
10	11.850	2.018	1.902	0.836	0.0	0.0	0.0	0.126	0.0	0.0	0.0	0.0
11	24.168	1.508	12.595	0.621	0.0	0.0	0.0	0.051	0.0	0.0	0.0	0.0
12	17.297	1.772	30.844	0.447	0.0	0.0	0.0	0.028	0.0	0.0	0.0	0.0
13	10.788	1.584	18.203	0.283	0.0	0.0	0.0	0.035	0.0	0.0	0.0	0.0
14	9.081	1.442	8.007	0.180	0.0	0.0	0.0	0.328	0.0	0.0	0.0	0.0
15	8.110	1.671	4.652	0.128	0.0	0.0	0.0	0.044	0.0	0.0	0.0	0.0
16	7.398	2.829	3.959	0.076	0.0	0.0	0.0	0.004	0.0	0.0	0.0	0.0
17	6.651	3.243	4.685	0.041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	6.061	3.249	4.840	0.016	0.0	0.0	0.0	0.008	0.0	0.0	0.0	0.0
19	6.028	3.893	3.677	0.036	0.0	0.0	0.0	0.603	0.0	0.0	0.0	0.0
20	5.703	3.464	2.820	0.001	0.0	0.0	0.0	0.075	0.0	0.0	0.0	0.0
21	5.256	2.610	2.258	0.0	0.0	0.0	0.0	0.008	0.0	0.0	0.0	0.0
22	4.957	2.048	1.975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	4.706	2.468	2.290	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	5.402	4.436	2.226	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	6.489	4.301	1.884	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	5.145	3.049	1.614	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	4.156	2.267	1.374	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	3.746	1.841	1.210	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	3.481	2.501	1.143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	3.310		1.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	3.164		0.942	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1.475
MEAN	6.4175	2.5719	4.1574	0.4968	0.0	0.0	0.0	0.4303	0.0	0.0	0.0	0.0476
INCHES	1.136	0.375	0.567	0.065	0.0	0.0	0.0	0.056	0.0	0.0	0.0	0.006
STA AV	1.136	0.375	0.567	0.065	0.0	0.0	0.0	0.056	0.0	0.0	0.0	0.006

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00435445. STA AV based on 1 yr (1968) record period.

1969 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.03	0.23	3.20	7.91	0.0	13.59	0.0	4.88E	0.05	2.55	0.0	0.0
2	0.54	0.24	3.19	7.55	0.0	5.41	0.0	27.36	0.05	5.22	0.0	0.0
3	0.43	0.41	2.92	7.16	0.0	3.21	0.0	174.40	0.04	5.63	0.0	0.0
4	0.40	0.60	3.21	6.46	0.0	1.88	0.0	59.56	0.02	3.30	0.0	0.0
5	0.32	0.44	3.02	6.46	0.0	1.23	0.0	47.53	0.00	1.58	0.0	0.0
6	0.28	0.40	8.38	14.45	0.0	1.61	0.0	21.21	0.0	1.30	0.0	0.0
7	0.28	0.68	25.55	15.64	0.0	1.38	0.0	9.50	0.0	0.93	0.0	0.0
8	0.28	0.69	24.78	8.75	0.0	0.73	0.0	5.53	0.66	0.76	0.0	0.0
9	0.30	1.62	13.85	5.73	0.0	0.52	0.0	4.14	1.27	0.69	0.0	0.12
10	0.33	1.38	10.29	4.50	0.0	0.15	0.0	3.55	0.61	0.63	0.0	2.65
11	0.27	0.98	7.76	3.91	0.0	1.55	0.0	4.35	0.23	0.55	0.0	5.36
12	0.23	0.74	6.43	3.47	0.0	3.57	0.0	2.64	0.07	0.44	0.0	5.25
13	0.20	0.55	5.88	2.84	0.0	2.19	0.0	1.71	0.01	0.25	0.0	2.55
14	0.22	0.66	5.48	2.25	0.0	1.04	0.0	1.99	0.0	0.19	0.0	1.51
15	0.25	13.81	5.02	2.16	0.0	0.50	0.0	1.52	0.0	0.13	0.0	1.06
16	0.25	18.13	6.32	2.27	2.43	0.22	0.0	1.70	0.0	0.07	0.0	0.77
17	0.25	12.67	8.37	2.16	50.83	0.05	0.0	1.39	0.0	0.04	0.0	0.60
18	0.28	6.47	66.83	2.82	32.05	0.00	0.0	0.64	0.0	0.01	0.0	0.49
19	0.29	4.79	81.38	3.89	46.06	0.0	0.0	0.26	0.0	0.00	0.0	0.43
20	0.41	4.13	29.75	2.55	28.55	0.0	0.0	0.12	0.0	0.00	0.0	0.35
21	0.51	3.71	17.82	1.78	11.18	0.0	0.0	0.04	31.08	0.00	0.0	1.31
22	0.44	4.26	14.08	1.15	4.48	0.0	0.0	0.13	93.50	0.0	0.0	6.66
23	0.42	6.58	12.14	0.75	2.39	0.0	0.0	9.69	31.59	0.0	0.0	5.36
24	0.42	6.56	42.98	0.46	1.58	0.0	0.0	17.99	14.75	0.0	0.0	6.02
25	0.38	4.98	50.30	0.27	1.19	0.0	0.0	9.76	9.75	0.0	0.0	4.48
26	0.30	3.98	21.49	0.15	6.03	0.0	0.0	2.48	6.73	0.0	0.0	10.68
27	0.25	3.38	13.64	0.08	177.40	0.0	0.0	0.85	4.69	0.0	0.0	12.85
28	0.22	2.97	11.33	0.03	55.93	0.0	2.46E	0.31	3.56	0.0	0.0	6.66
29	0.21		10.45	0.02	21.54	0.0	7.12E	0.11	2.83	0.0	0.0	3.95
30	0.23		9.62	0.00	5.92	0.0	0.57E	0.05	2.27	0.0	0.0	3.14
31	0.25		8.77		27.75		7.80E	0.04		0.0		3.03
MEAN	0.337	3.787	18.198	3.936	15.486	1.303	0.592	13.464	6.792	0.797	0.0	2.684
INCHES	0.046	0.462	2.857	0.514	2.090	0.170	0.080	1.817	0.887	0.108	0.0	0.389
STA AV	0.591	0.419	1.512	0.290	1.045	0.085	0.040	0.938	0.444	0.054	0.0	0.198

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00435445. STA AV based on 2 yr (1968-69) record period.

1970 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.14	8.02	6.34	90.49	1.23	46.87	2.52	2.49	9.99	0.00	0.69	0.35
2	6.55	19.11	5.52	51.28	0.74	38.88	1.32	2.65	9.83	0.0	0.55	0.32
3	5.15	36.71	5.06	46.38	0.89	30.42	0.72	1.87	6.76	0.0	0.41	0.32
4	3.55	26.87	5.47	30.53	7.70	165.09	3.11	0.52	5.04	0.0	0.26	0.30
5	2.71	14.14	26.05	25.54	8.99	147.40	1.71	0.51	3.95	0.0	0.18	0.30
6	10.20	10.45	32.61	26.84	3.87	36.52	0.60	0.66	3.34	0.0	0.13	0.69
7	19.54	9.42	14.32	22.65	1.54	21.33	0.17	14.27	2.98	0.0	0.05	0.74
8	14.51	8.62	16.40	17.71	0.70	16.61	0.05	22.69	2.36	0.0	0.06	0.72
9	7.14	8.40	38.63	15.66	0.34	13.76	0.01	10.69	1.80	0.0	0.05	0.67
10	5.23	7.94	25.49	14.77	0.17	11.49	0.04	19.39	1.51	0.0	2.07	0.66
11	5.35	7.13	14.34	14.50	0.06	10.28	0.35	56.80	1.71	0.0	5.37	0.62
12	7.68	6.43	15.26	16.67	0.02	8.71	0.28	26.66	3.31	0.0	4.66	0.75
13	8.22	5.83	18.10	18.56	0.00	7.58	0.36	11.52	2.48	0.0	2.31	0.82
14	6.21	5.41	12.28	14.66	0.0	9.61	0.33	7.18	1.66	0.0	1.81	0.81
15	5.64	5.14	9.69	10.97	0.0	8.28	0.11	4.93	1.17	0.0	2.45	0.68
16	6.47	19.21	8.27	8.78	0.0	7.24	0.15	3.58	0.67	0.0	2.05	6.71
17	6.30	38.59	7.45	8.06	0.0	5.76	1.51	2.78	0.47	0.0	1.33	21.37
18	5.79	29.22	8.23	7.43	0.0	4.12	0.52	1.74	0.31	0.0	0.99	16.84
19	5.21	16.86	8.69	6.73	0.0	2.73	0.22	1.26	0.15	0.0	0.64	6.16
20	4.55	11.17	21.92	14.50	0.0	1.65	0.67	0.95	0.06	0.0	0.74	3.48
21	3.93	8.62	64.66	16.62	0.0	0.52	0.25	0.87	0.01	0.0	0.68	2.64
22	3.51	7.43	185.85	8.24	0.0	15.49	1.20	0.71	0.0	0.0	0.62	2.28
23	3.57	6.99	54.31	5.25	0.0	21.07	2.96	6.74	0.0	0.0	0.54	2.08
24	4.09	6.99	26.34	3.97	0.0	10.50	12.30	112.15	0.0	0.47	0.44	1.84
25	4.05	9.44	21.85	3.12	0.0	10.18	32.02	107.23	0.0	7.08	0.38	1.64
26	3.74	15.82	19.14	2.93	0.96	7.45	47.21	66.68	0.0	10.81	0.37	1.66
27	3.38	12.19	16.89	3.57	12.32	7.58	123.52	56.54	0.05	3.37	0.38	1.50
28	3.07	7.97	30.10	4.15	56.68	35.51	26.87	33.00	0.47	1.26	0.42	1.32
29	2.98		56.77	2.98	338.29E	21.35	10.85	16.47	0.13	0.75	0.42	8.17
30	10.37		124.40	1.99	192.01	5.42	6.17	13.25	0.03	0.85	0.38	24.39
31	14.25		365.81E		118.72		3.57	10.14		0.66		30.37
MEAN	6.385	13.217	41.037	17.157	24.039	24.560	5.060	21.423	2.008	0.824	1.055	4.556
INCHES	0.863	1.611	5.540	2.247	3.245	3.182	1.226	2.892	0.262	0.111	0.136	0.615
STA AV	0.681	0.816	2.854	0.942	1.778	1.117	0.435	1.589	0.383	0.073	0.046	0.337

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00435449. STA AV based on 3 yr (1968-70) record period.

1971 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	23.51	12.85	83.93	19.35	75.90	0.0	0.0	19.85	2.78	0.0	0.0	1.03
2	11.80	7.90	79.86	27.15	17.54	0.0	0.29	7.88	1.30	0.0	0.0	0.86
3	7.73	6.29	317.82E	41.09	11.08	0.0	15.57	5.44	1.13	0.0	0.0	26.10
4	6.84	5.94	156.73	22.78	8.03	0.0	6.73	2.71	0.95	0.0	0.0	27.75
5	28.80	14.34	48.45	35.83	4.88	0.0	9.51	18.18	0.95	0.0	0.0	14.39
6	29.92	25.39	35.05	85.69	3.53	0.0	3.80	5.68	0.50	0.0	0.0	5.83
7	13.78	43.52	31.56	35.76	2.72	0.0	1.54	2.06	0.22	0.0	0.0	5.81
8	15.76	140.60	26.77	23.45	5.23	0.0	8.00	0.50	0.08	0.0	0.0	5.49
9	79.99	66.29	22.73	19.37	14.25	0.0	3.96	15.65	0.02	0.0	0.0	7.77
10	46.20	28.59	21.97	16.80	5.09	0.0	0.92	30.03	0.00	0.0	0.0	6.32
11	22.28	20.86	23.04	15.08	4.45	0.0	5.02	20.55	0.0	0.0	0.0	6.13
12	17.33	19.39	20.50	13.56	3.74	0.0	2.72	18.80	0.0	0.0	0.0	11.48
13	15.20	30.30	21.45	12.24	21.73	0.0	2.11	8.58	0.0	0.0	0.0	12.43
14	13.58	26.68	28.52	10.92	16.73	0.0	0.96	3.80	0.0	0.0	0.0	8.05
15	13.15	18.11	23.95	9.73	20.35	0.0	1.43	2.03	0.0	0.0	0.0	6.01
16	13.16	15.26	22.49	8.98	38.56	0.0	6.35	1.47	0.0	0.0	0.0	5.28
17	11.78	13.78	17.32	8.21	15.17	0.0	4.26	1.60	0.0	0.0	0.0	5.54
18	10.27	12.66	13.48	7.34	6.82	0.0	1.27	1.26	0.0	0.0	0.0	5.59
19	9.22	11.84	15.24	6.41	4.36	0.0	0.44	0.99	0.0	0.0	0.0	4.78
20	7.98	24.77	20.00	5.61	3.27	0.0	0.12	0.50	0.0	0.0	0.0	40.26
21	7.44	60.06	14.34	4.93	3.12	0.0	0.04	0.22	0.0	0.0	0.0	108.14
22	7.68	32.55	11.64	4.78	2.47	0.0	0.02	0.13	0.0	0.0	0.0	38.94
23	8.12	26.48	16.21	4.46	1.59	0.0	0.00	0.14	0.0	0.0	0.0	15.23
24	9.62	19.87	18.62	6.03	1.01	0.0	0.0	0.26	0.0	0.0	0.0	14.98
25	10.09	14.79	12.87	6.26	0.61	0.0	0.0	0.28	0.0	0.0	0.0	13.82
26	16.49	13.66	124.81	3.91	0.44	0.0	0.0	0.41	0.0	0.0	0.0	12.92
27	21.43	25.13	65.44	2.61	0.30	0.0	0.0	1.43	0.0	0.0	0.0	11.95
28	9.84	26.41	26.81	2.67	0.18	0.0	0.0	0.63	0.0	0.0	0.0	11.13
29	7.24		37.84	3.37	0.09	0.0	0.45	1.60	0.0	0.0	4.26	10.45
30	8.53		61.87	64.88	0.02	0.0	13.80	30.33	0.0	0.0	2.95	5.76
31	16.04		27.73		0.00		14.75	10.93		0.0		9.19
MEAN	16.79E	27.294	46.740	17.641	9.601	0.0	3.367	7.043	0.264	0.0	0.240	15.465
INCHES	2.26E	3.328	6.309	2.304	1.296	0.0	0.455	0.951	0.035	0.0	0.031	2.088
STA AV	1.07E	1.444	3.718	1.283	1.658	0.038	0.440	1.430	0.296	0.055	0.042	0.775

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00435449. STA AV based on 4 yr (1968-71) record period.



1972 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	8.98	26.97	12.95	55.19	0.05	0.0	10.05	0.05	0.0	0.0	0.0	0.0
2	10.66	80.52	13.22	25.74	0.02	0.0	9.15	0.00	0.0	0.0	0.0	0.0
3	17.04	94.54	24.49	19.00	0.00	0.0	7.65	0.0	0.0	0.0	0.0	0.0
4	13.68	89.57	18.74	16.73	0.0 I	0.0	5.01	0.0	0.0	0.0	0.0	0.0
5	15.67	33.86	13.45	15.53	0.0	0.0	11.25	0.0	0.0	0.0	0.0	0.0
6	26.24	24.93	12.59	14.15	0.0	0.0	76.42	0.0	0.0	0.0	0.0	0.0
7	14.83	67.72	10.26	12.65	0.0	0.0	29.96	0.0	0.0	0.0	0.0	0.0
8	9.24	54.77	11.01	12.60	0.39	0.0	10.02	0.0	0.0	0.0	0.0	0.0
9	7.83	28.24	13.51	11.78	5.22	0.0	5.65	0.0	0.0	0.0	0.0	0.0
10	10.34	22.06	10.41	8.98	2.64	0.0	3.60	0.0	0.0	0.0	0.0	0.0
11	34.50	19.46	8.17	8.22	0.73	0.0	2.55	0.0	0.0	0.0	0.0	0.0
12	55.49	22.11	7.45	7.86	0.28	0.0	1.81	0.0	0.0	0.0	0.0	0.0
13	57.58	42.92	7.05	7.35	0.32	0.0	1.18	0.0	0.0	0.0	0.0	0.0
14	86.15	30.31	6.91	6.33	2.51	0.0	0.68	0.0	0.0	0.0	0.0	0.0
15	40.66	21.15	6.76	5.10	2.17	0.0	0.36	0.0	0.0	0.0	0.0	0.0
16	22.29	34.72	13.07	3.94	0.79	0.0	0.44	0.0	0.0	0.0	0.0	0.0
17	18.10	45.99	36.81	3.01	0.22	0.0	0.26	0.0	0.0	0.0	0.0	0.0
18	17.57	31.19	18.35	2.29	0.04	0.0	0.28	0.0	0.0	0.0	0.0	0.0
19	17.06	20.78	10.74	1.92	0.00	0.16	0.11	0.0	0.0	0.0	0.0	0.0
20	16.26	15.02	8.54	1.67	0.0	10.35	0.02	0.0	0.0	0.0	0.0	0.0
21	16.00	14.15	7.40	1.30	0.0	32.67	0.0 I	0.0	0.0	0.0	0.0	0.0
22	19.56	13.80	7.17	1.66	0.0	11.06	0.0	0.0	0.0	0.0	0.0	0.0
23	27.41	13.80	6.73	5.63	0.0	2.19	0.0	0.0	0.0	0.0	0.0	0.0
24	20.18	13.80	5.40	4.63	0.0	0.70	0.0	0.0	0.0	0.0	0.0	0.0
25	14.92	13.30	4.98	2.05	0.0	42.45	0.0	0.0	0.0	0.0	0.0	0.0
26	12.29	15.85	6.22	0.97	0.0	125.21	0.0	0.0	0.0	0.0	0.0	0.0
27	10.42	25.32	5.40	0.52	0.0	70.56	0.0	0.0	0.0	0.0	0.0	0.0
28	10.02	25.35	7.52	0.25	0.0	93.64	0.0	0.0	0.0	0.0	0.0	0.0
29	10.92	16.44	15.65	0.17	0.0	32.53	0.0	0.0	0.0	0.0	0.0	0.0
30	17.35	36.76	0.10	0.0	0.0	15.38	0.0 I	0.0	0.0	0.0	0.0	0.0
31	23.21	176.91	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	23.436	33.089	17.605	8.561	0.497	14.576	5.701	0.002	0.0	0.0	0.0	0.0
INCHES	3.164	4.178	2.376	1.121	0.067	1.504	0.770	0.000	0.0	0.0	0.0	0.0
STA AV	1.495	1.951	3.450	1.250	1.340	1.051	0.506	1.144	0.237	0.044	0.034	0.620

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00435445. STA AV based on 5 yr (1968-72) record period.

1973 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.47	13.91	11.98	210.67	15.12	4.21	6.68	0.55	5.60	0.0	0.51	0.0
2	2.00	155.44	11.34	75.12	13.18	2.84	2.84	1.40	2.60	0.0	0.35	0.0
3	2.60	98.38	12.59	68.08	12.00	2.32	1.54	3.70	0.97	0.0	0.10	0.0
4	3.89	35.35	13.49	99.34	10.48	1.33	0.92	23.42	0.39	0.0	0.00	0.0
5	5.60	24.63	12.26	44.65	8.37	0.69	0.52	57.69	0.15	0.0	0.0	0.0
6	5.78	21.13	11.58	27.54	7.01	0.43	0.27	20.68	0.05	0.0	0.0	0.0
7	5.60	19.29	11.06	82.79	6.69	23.02	0.13	37.11	0.02	0.0	0.0	0.0
8	12.86	20.20	10.46	166.67	13.15	26.12	4.60	71.07	0.00	0.0	0.0	0.0
9	22.18	115.23	10.96	53.68	35.82	27.26	92.06	14.50	0.0	0.0	0.0	0.0
10	17.03	205.79	11.73	30.27	20.81	32.12	38.57	6.60	0.0	0.0	0.0	0.0
11	13.11	84.13	10.77	22.48	8.87	16.30	8.66	4.16	0.0	0.0	0.0	0.0
12	11.43	53.43	11.86	19.76	5.54	14.58	3.95	2.93	0.0	0.0	0.0	0.0
13	9.84	40.25	15.03	17.86	4.12	15.64	4.25	2.36	0.0	0.0	0.0	0.0
14	8.70	49.17	11.97	15.94	3.10	13.52	17.91	1.80	0.0	0.0	0.0	0.0
15	8.23	124.43	8.66	14.41	2.35	8.35	15.02	2.65	0.0	0.0	0.0	0.0
16	7.74	55.63	7.23	13.51	1.66	14.01	7.76	7.27	0.0	0.0	0.0	0.0
17	7.13	31.01	26.57	12.67	1.15	12.29	15.30	23.60	0.0	0.0	0.0	0.0
18	6.99	25.53	26.31	12.14	0.82	10.53	7.65	5.35	0.0	0.0	0.0	0.0
19	14.95	23.07	12.88	11.46	0.58	6.87	6.63	2.81	0.0	0.0	0.0	0.0
20	21.85	20.83	8.66	10.30	0.70	4.60	3.54	1.93	0.0	0.0	0.0	0.0
21	14.94	19.17	9.57	8.85	0.75	4.28	1.69	1.20	0.0	0.0	0.0	0.0
22	26.47	17.83	9.01	7.46	0.66	3.17	0.89	0.63	0.0	0.0	0.0	0.0
23	33.26	16.68	6.77	6.42	0.55	39.02	0.52	0.39	0.0	0.0	0.0	0.0
24	15.42	15.35	5.51	5.81	0.35	31.51	0.21	0.18	0.0	0.0	0.0	0.0
25	12.85	14.34	17.76	13.25	0.22	7.66	0.60	0.04	0.0	0.0	0.0	0.0
26	13.98	14.33	38.16	151.21	1.77	3.33	0.84	0.03	0.0	0.0	0.0	0.0 I
27	25.49	14.49	19.70	192.11	20.10	2.28	3.82	0.09	0.0	0.0	0.0	0.31
28	28.96	13.33	10.47	49.95	17.53	3.36	8.65	0.04	0.0	0.0	0.0	0.11
29	27.76	15.32	25.63	7.25	39.97	5.44	0.01	0.0	0.0	0.0	0.0	0.05
30	19.76	25.29	18.46	14.60	36.77	1.70	0.00	0.0	0.0	0.0	0.0	0.07
31	14.10	107.80	0.0	10.03	0.65	1.08	0.0	0.18	0.0	0.18	0.0	0.11
MEAN	13.735	47.936	16.861	49.612	8.042	13.610	8.577	5.524	0.326	0.006	0.032	0.021
INCHES	1.855	5.845	2.276	6.461	1.086	1.778	1.158	1.286	0.043	0.001	0.004	0.003
STA AV	1.555	2.633	3.254	2.122	1.297	1.172	0.615	1.167	0.204	0.037	0.025	0.517

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.00435445. STA AV based on 6 yr (1968-73) record period.



1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	5.49	7.08	14.68	16.01	0.18	0.0	0.0	6.19	1.02	0.24	0.0	0.55
2	3.38	6.97	14.10	24.62	0.08	0.01	0.03	4.37	0.36	0.05	0.0	0.32
3	1.72	10.02	13.36	41.31	0.04	4.09	0.03	1.03	0.17	0.03	0.0	0.18
4	1.42	14.03	12.45	24.64	0.02	7.07	0.15	1.45	0.12	0.01	0.0	0.14
5	1.37	8.85	11.21	169.82	0.01	2.41	0.02	4.05	0.27	0.00	0.0	0.10
6	1.45	8.54	10.31	62.23	0.01	1.88	0.00	27.48	43.10	0.0 1	0.0	0.08
7	1.37	219.63	9.54	24.12	0.06	1.54	0.00	18.53	22.52	0.0	0.0	0.13
8	1.17	158.15	8.78	21.58	0.08	0.72	0.0	5.79	28.52	0.0	0.0	0.50
9	0.92	56.08	8.07	31.98	0.01	0.30	0.0	3.91	23.30	0.0	0.0	0.36
10	0.97	31.22	7.54	25.25	0.0 1	0.16	0.0	2.05	15.07	0.0	0.0	0.23
11	3.58	24.20	6.58	15.28	0.08	0.12	0.0	1.21	7.31	0.0	0.0	0.17
12	12.27	20.78	6.67	12.81	13.00	0.09	0.0	0.83	4.23	0.0	0.0	0.15
13	12.15	18.71	7.01	13.34	10.60	0.01	0.0	0.60	2.94	0.0	0.0	0.20
14	5.43	17.76	5.63	15.59	2.17	0.51	0.0	0.83	2.20	0.0	0.0	0.18
15	4.04	17.25	4.87	15.36	0.78	31.23	0.0	0.53	1.67	0.0	0.0	0.25
16	3.77	140.15	5.86	18.32	0.67	12.54	0.0	0.59	1.26	0.05	0.0	1.20
17	3.60	123.70	6.68	12.53	1.26	2.47	0.0	0.57	2.03	0.21	0.0	0.73
18	3.48	37.80	5.13	8.13	0.57	0.84	0.0	0.73	4.77	0.06	0.0	0.47
19	3.28	71.38	4.73	6.47	0.21	0.31	0.0	0.26	1.85	0.02	0.0	0.32
20	3.34	108.46	11.51	5.23	0.05	0.10	0.0	0.12	1.16	0.01	0.51	3.15
21	5.25	39.41	22.18	4.25	0.01	0.07	0.0	10.15	0.75	0.0	0.76	8.65
22	5.36	30.91	27.73	3.96	0.00	2.60	0.0	5.02	0.57	0.0	0.25	3.62
23	3.89	32.82	11.81	4.25	0.02	1.70	0.0	0.88	0.41	0.0	0.10	1.65
24	3.19	23.40	7.13	3.87	6.25	0.50	0.0	0.38	0.24	0.0	0.05	1.25
25	2.75	18.53	16.17	2.58	7.40	0.13	0.0	0.21	0.18	0.0	0.04	1.18
26	2.56	15.95	20.56	1.75	1.42	0.02	0.81	0.16	0.53	0.0	0.03	1.02
27	2.35	15.35	19.78	1.31	0.63	0.00	0.52	0.05	3.14	0.0	0.02	0.62
28	2.56	15.01	29.66	0.86	0.30	0.0	0.07	0.05	1.68	0.0	0.01	0.85
29	3.75		129.79	0.58	0.11	0.0	0.01	0.00	0.94	0.0	0.01	1.17
30	11.84		103.70	0.35	0.02	0.0	0.03	2.79	0.50	0.0	0.10	1.05E
31	12.45		27.23		0.00		0.95	3.56		0.0		1.08E
MEAN	4.21E	46.143	18.896	19.614	1.485	2.394	0.065	3.512	5.789	0.025	0.063	1.042
INCHES	0.565	5.626	2.551	2.562	0.200	0.313	0.011	0.474	0.756	0.003	0.008	0.141
STA AV	1.414	3.061	3.154	2.165	1.141	1.050	0.528	1.068	0.283	0.032	0.026	0.463

NOTES: To convert runoff in CPS to IN/DAY, multiply by 0.00435449. STA AV based on 7 yr (1968-74) record period.

1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED J												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.05E	8.46	10.90	28.40E	16.63	17.52	0.08	13.55	0.57	0.0	0.0	0.26
2	0.94E	8.18	14.04	26.55E	13.06	8.49	0.00	153.19	0.20	0.0	0.0	0.51
3	0.84E	16.91	11.98	22.13E	9.00	3.71	0.0	41.89	0.04	0.0	0.0	0.56
4	1.13E	20.68	9.36	14.52E	7.80	1.57	0.0	13.54	0.00	0.0	0.0	0.40
5	1.40E	15.09	8.86	10.63E	6.11	0.58	0.0	9.30	0.0	0.0	0.0	0.28
6	1.33	12.46	8.38	9.09E	5.06	0.19E	0.0	8.46	0.0	0.0	0.0	0.20
7	1.16	9.72	7.98	8.05E	5.40	0.21E	0.0	12.30	0.0	0.0	0.0	0.17
8	5.16	7.77	8.98	7.44E	10.73	1.01E	0.0	16.32	0.0	0.00	0.0	0.15
9	11.95	7.92	7.78	9.00E	8.55	0.66E	0.0	30.73	0.0	0.02	0.0	0.58
10	5.53	7.05	6.44	129.02E	5.57	1.33E	0.0	15.10	0.0	0.00	0.0	1.32
11	6.89	7.33	6.34	143.14	4.50	2.03E	1.0E	8.80	0.0	0.0	0.0	1.02
12	15.62	7.64	6.43	49.60	3.39	6.13E	38.2E	6.63	0.0	0.0	0.0	0.66
13	55.47	8.63	6.07	25.36	3.64	14.47	9.97	4.96	0.0	0.0	0.0	0.47
14	26.39	6.60	8.65	187.27E	4.44	5.17	12.03	3.36	0.0	0.0	0.15E	0.37
15	12.85	5.39	5.26	306.64E	14.43	1.62	23.50	2.13	0.0	0.0	0.52E	0.31
16	10.31	6.77	135.74	75.77	31.77E	1.60	31.25	1.38	0.0	0.0	0.39E	0.28
17	9.22	19.42	128.57	39.49	42.35E	0.79	21.71	0.54	0.0	0.24	0.27E	0.72
18	8.53	29.14	117.48	29.30	28.61E	0.30	18.06	0.76	0.0	0.22	0.16E	2.30
19	9.41	28.10	209.21	24.16	7.19E	1.06	12.44	0.55	0.0	0.06	0.09E	2.22
20	19.96	35.18	61.26	29.32	4.18E	0.32	12.19	0.70	0.0	0.02	0.06	1.35
21	17.50	19.70	32.22E	24.83	3.10E	0.07	56.68	0.42	0.0	0.00	0.07	0.53
22	11.41	23.39	26.22E	17.71	2.33E	0.01	32.24	0.21	0.0	0.0	0.06	0.70
23	19.41	35.26	24.66E	15.36	1.54E	0.0	22.76	0.38	0.0	0.0	0.04	0.58
24	25.38	28.83	33.41E	14.16E	0.96E	0.0	7.64	0.15	0.0	0.0	0.03	0.50
25	28.39	23.51	49.93E	13.03E	0.52E	0.0	4.18	0.02	0.0	0.0	0.02	0.58
26	24.40	15.26	25.08E	11.84E	0.31E	1.68	2.76	0.00	0.0	0.0	0.01	4.22
27	16.84	12.67	17.48E	10.47E	0.22E	3.35	3.76	0.0	0.0	0.0	0.03	5.58
28	12.50	11.45	16.18E	9.81E	0.15E	0.55	6.71	0.08	0.0	0.0	0.06	3.13
29	10.84		16.03E	11.32E	0.09E	0.17	18.15	0.73	0.0	0.0	0.05	1.94
30	9.99		20.68E	15.65E	0.41	0.28	15.17	1.59	0.0	0.0	0.05	2.02
31	9.30		21.81E		2.03		14.30	1.28	0.0	0.0		5.27
MEAN	12.744	15.660	34.425	43.966	7.911	2.501	11.76E	11.296	0.027	0.018	0.068	1.278
INCHES	1.720	1.909	4.648	5.743	1.068	0.327	1.591	1.525	0.004	0.002	0.005	0.173
STA AV	1.452	2.917	3.340	2.630	1.132	0.559	0.661	1.125	0.248	0.028	0.024	0.427

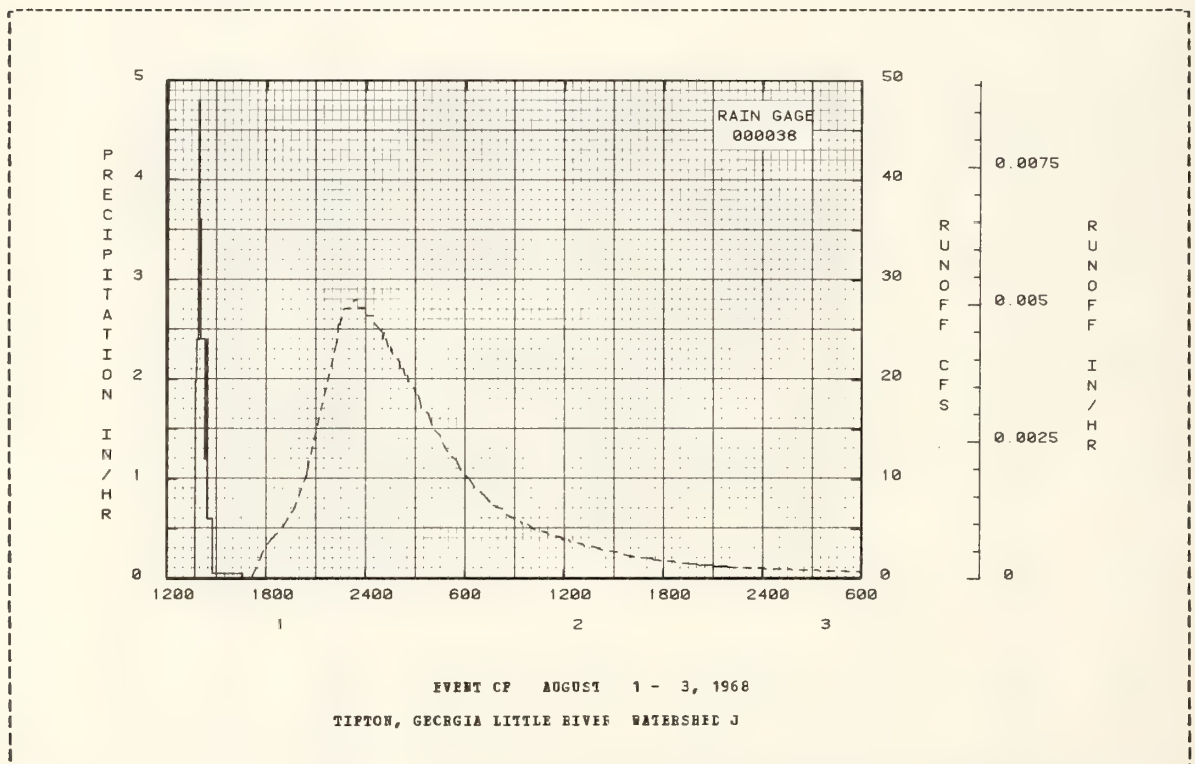
NOTES: To convert runoff in CPS to IN/DAY, multiply by 0.00435449. STA AV based on 8 yr (1968-75) record period.

1968 SELECTED FOMCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED J							
ANTECEDENT CONDITIONS			FAINFALL			FOMCFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF AUGUST 1 - 3, 1968										
EG 000038			EG 000038							
8- 1	0.0	0.0	8- 1	1342	0.0	0.0	8- 1	1420	0.0	0.0
				1345	2.0001	0.10		1705	0.031	0.0
				1350	2.4000	0.30		1725	1.175	0.0000
				1355	4.7999	0.70		1750	2.866	0.0001
				1400	3.6000	1.00		1815	3.919	0.0004
WATERSHED CONDITIONS: Residential, 0.3%; water, 0.8%; crops, 26.3%; wet- land, 0.1%; pasture, 15.5%; roads, 0.9%; forest, 56.1%.				1405	2.4000	1.20		1840	4.642	0.0007
				1415	2.4001	1.60		1905	5.448	0.0007
				1420	1.1595	1.70		1940	6.550	0.0010
				1425	2.4001	1.90		2025	10.445	0.0022
				1435	0.5595	2.00		2035	11.807	0.0026
				1445	0.6000	2.10		2215	23.968	0.0080
				1635	0.0545	2.20		2220	25.532	0.0083
								2225	25.532	0.0087
								2240	27.141	0.0095
								2305	27.141	0.0120
								2315	27.970	0.0128
								2325	27.970	0.0137
								2330	27.141	0.0141
								2355	27.141	0.0161
								2400	26.328	0.0165
							8- 2	25	26.328	0.0185
								30	25.532	0.0185
								55	24.752	0.0208
								100	23.968	0.0212
								105	24.752	0.0215
								120	23.240	0.0219
								130	23.240	0.0226
								135	22.507	0.0230
								200	21.790	0.0246
								205	21.066	0.0249
								215	21.066	0.0256
								220	20.401	0.0259
								230	20.401	0.0265
								235	15.730	0.0268
								255	19.073	0.0280
								300	16.431	0.0283
								310	16.431	0.0286
								320	17.165	0.0294
								345	16.550	0.0306
								400	15.433	0.0305
								410	14.876	0.0311
								430	14.331	0.0320
								445	13.263	0.0322
								455	12.778	0.0324
								530	11.807	0.0331
								545	10.867	0.0333
								615	10.015	0.0338
								635	5.151	0.0339
								710	6.413	0.0344
								730	7.675	0.0345
								745	7.325	0.0346
								815	6.950	0.0353
								835	6.343	0.0354
								925	5.737	0.0355
								930	5.448	0.0360
								950	5.448	0.0363
								1015	4.901	0.0364
								1100	4.642	0.0371
								1105	4.352	0.0371
								1150	4.151	0.0374
								1155	3.919	0.0374
								1220	3.919	0.0377
								1225	3.655	0.0378
								1310	3.461	0.0363
								1315	3.274	0.0363
								1345	3.274	0.0366
								1420	2.866	0.0387
								1515	2.705	0.0392
								1545	2.364	0.0392
								1615	2.204	0.0392

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016193.

1968 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED J								
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF AUGUST 1 - 3, 1968 (CONTINUED)											
							8- 2	1720	2.053	0.0396	
								1725	1.908	0.0397	
								1840	1.770	0.0355	
								1845	1.639	0.0395	
								2005	1.514	0.0403	
								2010	1.356	0.0403	
								2100	1.356	0.0405	
								2105	1.264	0.0405	
								2155	1.264	0.0407	
								2200	1.175	0.0407	
								2400	1.075	0.0411	
							8- 3	15	0.965	0.0412	
								145	0.565	0.0414	
								150	0.856	0.0414	
								325	0.856	0.0417	
								330	0.813	0.0417	
								740	0.756	0.0423	
								745	0.663	0.0423	
								945	0.663	0.0426	
								950	0.555	0.0426	
								1125	0.565	0.0427	
								1130	0.552	0.0427	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016143.



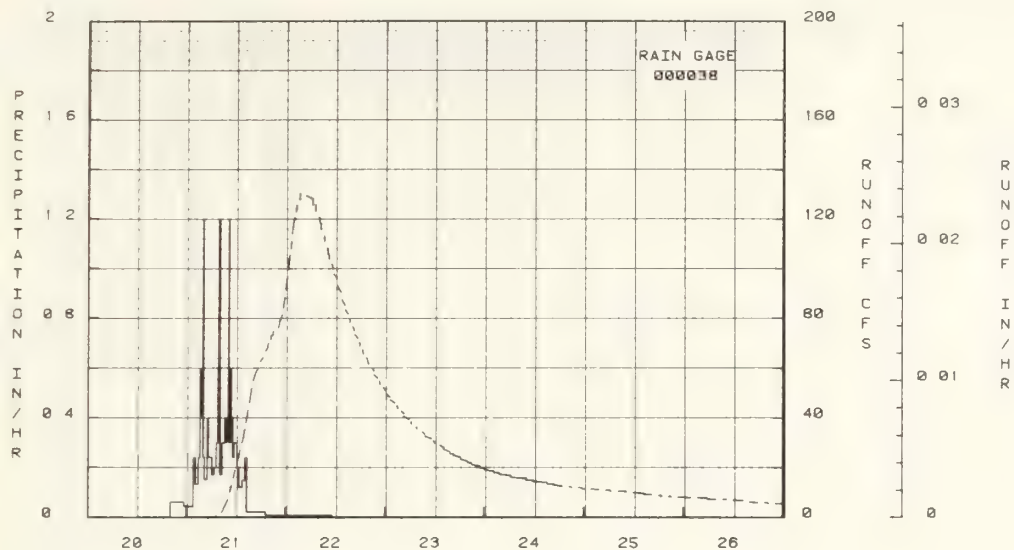
1969 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF SEPTEMBER 20 - 26, 1969										
EG 000038			EG 000038							
9-20	0.20		9-20	2009	0.0	0.0	9-21	430	0.0	0.0
9-21		0.0		2145	0.0625	0.10		725	0.474	0.0000
				2320	0.0632	0.20		835	2.053	0.0001
				2400	0.0450	0.23		1005	7.330	0.0012
			9-21	140	0.0420	0.30		1300	27.140	0.0100
WATERSHED CONDITIONS:				205	0.2400	0.40		1345	32.365	0.0105
Residential, 0.3%; water,				250	0.1333	0.50		1435	40.313	0.0117
0.8%; crops, 26.3%; wet-				315	0.2400	0.60		1545	51.940	0.0148
land, 0.1%; pasture, 15.5%;				325	0.6000	0.70		1625	57.145	0.0173
roads, 0.9%; forest, 56.1%.				335	0.6000	0.80		1710	55.880	0.0218
				350	0.4000	0.50		1745	62.655	0.0236
				355	1.2001	1.00		1820	64.134	0.0303
				420	0.2400	1.10		1930	68.565	0.0365
				500	0.1500	1.20		1940	70.114	0.0386
				515	0.4000	1.30		2015	71.663	0.0461
				540	0.2400	1.40		2025	73.235	0.0483
				605	0.2400	1.50		2045	73.235	0.0527
				640	0.1714	1.60		2055	74.832	0.0545
				710	0.2000	1.70		2205	76.445	0.0710
				730	0.3000	1.80		2300	81.442	0.0758
				740	0.5599	1.90		2340	86.430	0.0785
				750	1.2000	2.10		2400	88.923	0.0840
				800	0.6000	2.20	9-22	50	105.561	0.0887
				835	0.1714	2.30		105	108.050	0.0935
				855	0.3000	2.40		125	115.560	0.1003
				915	0.3000	2.50		155	120.551	0.1039
				930	0.4000	2.60		220	123.025	0.1131
				950	0.3000	2.70		230	125.507	0.1169
				1005	0.4000	2.80		305	127.960	0.1303
				1010	1.1599	2.90		315	130.451	0.1342
				1020	0.6000	3.00		615	127.980	0.2045
				1040	0.3000	3.10		625	125.507	0.2084
				1050	0.6000	3.20		655	125.507	0.2157
				1105	0.4000	3.30		700	123.025	0.2216
				1130	0.2400	3.40		750	120.551	0.2400
				1150	0.3000	3.50		800	118.070	0.2436
				1210	0.3000	3.60		815	118.070	0.2490
				1240	0.2000	3.70		820	115.560	0.2508
				1330	0.1200	3.80		905	113.051	0.2663
				1410	0.1500	3.90		910	110.551	0.2680
				1435	0.2400	4.00		950	108.050	0.2813
				1910	0.0218	4.10		1000	105.561	0.2845
			9-22	1120	0.0061	4.20		1015	105.561	0.2853
								1020	103.571	0.2905
								1055	101.592	0.3017
								1120	55.638	0.3062
								1125	57.706	0.3077
								1205	55.802	0.3154
								1230	52.066	0.3208
								1310	50.236	0.3319
								1335	86.646	0.3332
								1410	84.868	0.3423
								1415	83.152	0.3435
								1455	81.442	0.3535
								1520	79.755	0.3571
								1525	78.089	0.3583
								1605	76.449	0.3676
								1630	74.832	0.3710
								1635	73.235	0.3722
								1720	71.663	0.3820
								1745	70.114	0.3852
								1750	68.565	0.3862
								1830	67.080	0.3944
								1835	65.555	0.3954
								1925	64.134	0.4053
								1955	61.276	0.4062
								2045	59.860	0.4154
								2115	56.505	0.4189
								2120	57.149	0.4198
								2210	55.817	0.4283

NOTES: To convert runoff in CFS to ILL/HR, multiply by 0.00016133.



1965 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED J						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
									Acc. (inches)
EVENT OF SEPTEMBER 20 - 26, 1965 (CONTINUED)									
			9-22	2240	54.505				0.4316
				2245	53.211				0.4324
				2335	51.940				0.4404
				2400	50.690				0.4427
			9-23	15	49.457				0.4434
				110	48.247				0.4515
				115	47.054				0.4523
				220	45.883				0.4614
				255	44.731				0.4648
				300	43.557				0.4654
				400	42.484				0.4733
				435	41.350				0.4764
				440	40.313				0.4770
				545	39.256				0.4846
				620	38.218				0.4877
				625	37.197				0.4883
				740	36.156				0.4966
				745	35.211				0.4971
				900	34.245				0.5050
				940	33.257				0.5080
				945	32.365				0.5085
				1110	31.452				0.5167
				1150	30.557				0.5195
				1155	29.677				0.5200
				1320	28.815				0.5275
				1405	27.970				0.5305
				1410	27.140				0.5309
				1540	26.328				0.5382
				1550	25.533				0.5389
				1630	25.533				0.5420
				1635	24.752				0.5424
				1815	23.986				0.5458
				1820	23.239				0.5501
				2000	22.507				0.5571
				2010	21.790				0.5577
				2100	21.790				0.5610
				2105	21.086				0.5613
				2300	20.401				0.5685
				2310	19.730				0.5652
				2400	19.730				0.5721
			9-24	10	19.072				0.5727
				220	18.431				0.5801
				230	17.803				0.5806
				335	17.803				0.5841
				340	17.169				0.5844
				625	16.590				0.5928
				630	16.004				0.5931
				1000	15.433				0.6031
				1010	14.876				0.6035
				1150	14.876				0.6080
				1155	14.331				0.6082
				1510	13.800				0.6165
				1520	13.283				0.6169
				1655	13.283				0.6208
				1700	12.778				0.6210
				2055	12.286				0.6299
				2105	11.808				0.6302
				2310	11.808				0.6347
				2400	11.341				0.6362
			9-25	625	10.887				0.6452
				635	10.445				0.6495
				1010	10.445				0.6563
				1015	10.015				0.6564
				1435	9.557				0.6641
				1440	9.190				0.6643
				1845	8.756				0.6709
				1855	8.413				0.6712
				2105	8.413				0.6745
				2110	8.040				0.6746
				2400	8.040				0.6788
			9-26	550	7.679				0.6871
				600	7.330				0.6873

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016143.



EVENT OF SEPTEMBER 20 - 26, 1969  
TIPTON, GEORGIA LITTLE RIVER WATERSHED J

1970 SELECTED FLOW EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED J						
ANTECEDENT CONDITIONS			RAINFALL			FLOW			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
No-Day	(inches)	(inches)	No-Day	of Day	(in/hr)	(inches)	No-Day	of Day	(cfs)
EVENT OF JUNE 4 - 6, 1970									
6-4	BG 000038		6-4	FG 000038			6-4	425	21.790
	0.0	0.012		614	0.0	0.0		430	21.088
				650	0.1667	0.10		430	21.088
				725	0.1714	0.20		655	21.088
				815	0.1200	0.30		705	21.750
				825	0.6000	0.40		830	22.507
				840	0.4000	0.50		850	23.239
				850	0.5599	0.60		945	32.365
				900	1.2000	0.80		1010	35.211
				910	0.6000	0.50		1050	51.940
				920	1.2000	1.10		1120	73.235
				1015	0.1091	1.20		1155	108.050
				1040	1.2000	1.70		1235	165.089
				1050	0.5999	1.80		1320	210.396
				1100	0.6000	1.50		1345	226.387
				1125	0.2400	2.00		1350	233.572
								1400	236.171
								1415	244.005
								1435	246.623
								1455	254.516
								1525	259.802
								1540	265.111
								1615	270.443
								1640	275.757
								1705	286.584
								1710	286.584
								1725	294.655
								1730	294.655
								1900	344.573
								1910	347.356
								1925	355.904

WATERSHED CONDITIONS:  
Residential, 0.3%; water,  
0.8%; crops, 26.3%; wet-  
land, 0.1%; pasture, 15.5%;  
roads, 0.9%; forest, 56.1%.

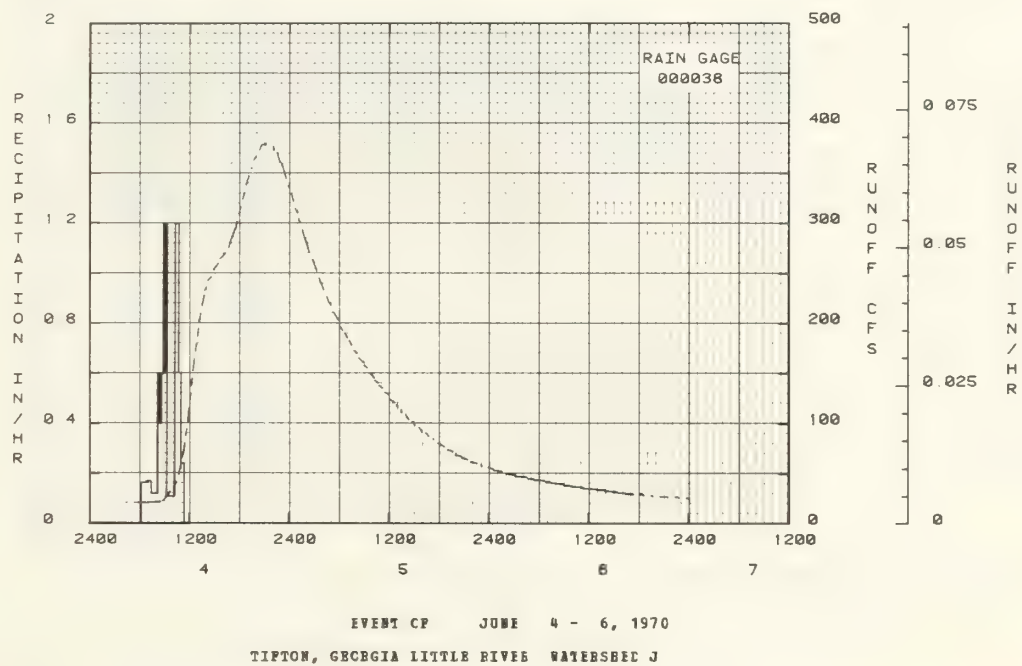
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00018183.

1970 SELECTED RUNOFF EVENT			TIPICK, GEORGIA LITTLE RIVER WATERSHED J						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
EVENT OF JUNE 4 - 6, 1970 (CONTINUED)									
							6- 4	1930	355.904
								1945	364.458
								2000	367.324
								2040	378.833
								2110	378.833
								2205	375.949
								2210	373.065
								2230	370.154
								2250	361.604
								2305	358.751
								2335	344.573
								2355	336.135
								2400	336.135
							6- 5	45	313.882
								55	311.125
								110	302.885
								120	300.155
								200	281.172
								205	281.172
								225	270.443
								250	262.455
								320	251.881
								345	241.387
								410	233.572
								445	220.647
								500	218.078
								520	210.396
								555	202.755
								605	157.662
								625	152.626
								645	150.106
								700	145.074
								715	142.565
								730	177.555
								750	172.559
								810	170.067
								825	165.089
								900	160.126
								905	157.644
								925	155.168
								940	150.217
								1015	145.276
								1020	142.803
								1045	140.334
								1050	137.862
								1115	135.354
								1135	130.451
								1200	127.980
								1215	123.029
								1240	120.551
								1300	118.070
								1305	115.580
								1330	113.051
								1335	110.591
								1405	106.050
								1425	103.571
								1455	101.592
								1510	97.706
								1540	55.802
								1600	52.066
								1630	50.236
								1650	46.646
								1720	44.888
								1725	43.152
								1800	79.755
								1845	76.449
								1910	73.235
								1945	71.663
								2005	68.565
								2045	67.080
								2050	65.555
								2130	64.134
								2155	61.276
								2240	59.860
								2310	58.505

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016143.

1970 SELECTED FUNCFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED J					
ANTECEDENT CONDITIONS			RAINFALL			FUNCFF		
Date	Fainfall	Funcff	Date	Time	Intensity	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(inches)
EVENT OF JUNE 4 - 6, 1970 (CONTINUED)								
				6- 5		2315	57.149	0.5922
						2400	55.817	0.5555
				6- 6		35	54.504	1.0032
						40	53.211	1.0040
						140	51.940	1.0136
						210	49.457	1.0143
						315	48.247	1.0239
						320	47.054	1.0246
						440	45.863	1.0355
						450	44.731	1.0372
						525	44.731	1.0420
						530	42.557	1.0426
						645	42.484	1.0524
						655	41.350	1.0537
						725	41.350	1.0574
						730	40.313	1.0580
						900	39.256	1.0689
						910	38.218	1.0700
						945	38.218	1.0741
						950	37.197	1.0746
						1120	36.156	1.0846
						1125	35.211	1.0852
						1300	34.245	1.0952
						1310	33.257	1.0962
						1355	33.297	1.1007
						1400	32.365	1.1012
						1530	31.452	1.1059
						1540	30.557	1.1108
						1625	30.557	1.1150
						1630	29.677	1.1154
						1830	28.815	1.1261
						1840	27.970	1.1265
						1940	27.970	1.1320
						1945	27.140	1.1324
						2245	26.328	1.1470
						2255	25.533	1.1477
						2400	25.533	1.1528

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016143.



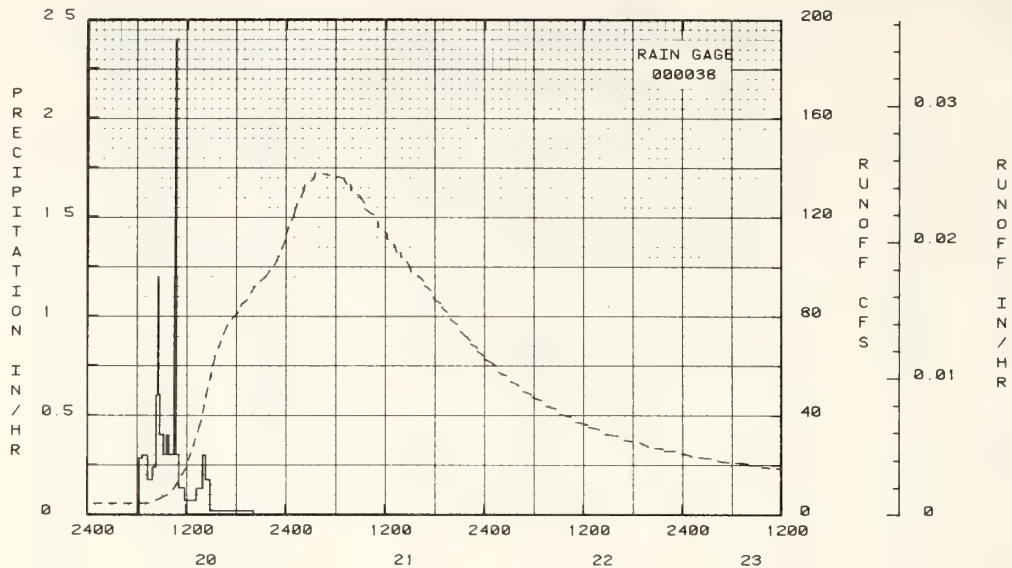


1971 SELECTED FUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED J							
ANTECEDENT CONDITIONS			RAINFALL				FUNCFF			
Date	Rainfall	Funcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 12 - 23, 1971										
RG 000038			RG 000038							
12-20	0.50		12-20	619	0.0	0.0	12-12	1815	12.778	0.0
12-12		0.036		640	0.2857	0.10		1825	13.283	0.0004
				700	0.3000	0.20		2400	13.800	0.0141
				720	0.3000	0.30	12-13	950	13.283	0.0383
				755	0.1714	0.40		955	12.778	0.0385
WATERSHED CONDITIONS: Residential, 0.3%; water, 0.8%; crops, 26.3%; wet- land, 0.1%; pasture, 15.5%; roads, 0.9%; forest, 56.1%.				820	0.2400	0.50		1350	12.286	0.0474
				830	0.5959	0.60		1400	11.806	0.0477
				835	1.2001	0.70		1555	11.808	0.0518
				845	0.5999	0.80		1600	11.341	0.0520
				900	0.4000	0.90		2005	10.887	0.0603
				915	0.4000	1.00		2215	10.015	0.0604
				935	0.3000	1.10		2400	10.015	0.0633
				950	0.4000	1.20	12-14	235	9.597	0.0675
				1010	0.3000	1.30		240	9.190	0.0680
				1030	0.3000	1.40		720	8.796	0.0756
				1035	1.2001	1.50		730	8.413	0.0759
				1040	2.4000	1.70		945	8.413	0.0793
				1045	1.1599	1.80		950	8.040	0.0794
				1105	0.3000	1.90		1515	7.679	0.0872
				1150	0.1333	2.00		1525	7.330	0.0874
				1315	0.0706	2.10		1850	7.330	0.0919
				1400	0.1333	2.20		1855	6.950	0.0920
				1420	0.3000	2.30		2400	6.661	0.0983
				1455	0.1714	2.40	12-15	745	6.343	0.1075
				2010	0.0190	2.50		750	6.035	0.1076
								2110	5.737	0.1218
								2400	5.448	0.1245
							12-16	2400	5.170	0.1477
							12-17	925	5.448	0.1567
								950	6.343	0.1570
								1145	6.035	0.1571
								1745	5.737	0.1635
								1750	5.448	0.1636
								2300	5.448	0.1687
								2400	5.448	0.1651
							12-18	135	5.737	0.1653
								1320	5.737	0.1815
								1325	5.448	0.1816
							12-19	2400	5.448	0.1920
								555	5.170	0.1977
								605	4.901	0.1975
								1130	4.901	0.2027
								1135	4.642	0.2028
							12-20	2400	4.352	0.2130
								730	4.642	0.2191
								945	8.040	0.2192
								1035	10.887	0.2197
								1200	15.072	0.2203
								1350	38.218	0.2298
								1425	48.247	0.2312
								1530	64.134	0.2422
								1655	76.449	0.2445
								1810	81.442	0.2518
								1840	84.868	0.2544
								1920	86.646	0.2647
								2015	92.066	0.2675
								2130	95.802	0.2790
								2245	101.552	0.2881
								2355	110.591	0.2964
								2400	113.051	0.2981
							12-21	55	120.551	0.3053
								120	125.507	0.3090
								205	130.451	0.3110
								215	132.925	0.3150
								320	135.354	0.3414
								330	137.862	0.3455
								655	135.354	0.4302
								715	132.925	0.4343
								745	132.925	0.4463
								750	130.451	0.4483

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00018143.

1971	SELECTED EUNCPF EVENT					TIFTON, GEORGIA LITTLE RIVER WATERSEED J						
ANTECEDENT CONDITIONS			RAINFALL				EUNCPF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.		
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)		
EVENT OF DECEMBER 12 - 23, 1971 (CONTINUED)												
							12-21	855	127.960	0.4737		
								925	125.507	0.4813		
								930	123.029	0.4832		
								1035	120.551	0.5071		
								1105	118.070	0.5142		
								1110	115.580	0.5160		
								1210	113.051	0.5368		
								1215	110.551	0.5385		
								1310	108.050	0.5566		
								1320	105.581	0.5595		
								1350	105.581	0.5695		
								1355	103.571	0.5710		
								1440	101.552	0.5850		
								1510	57.706	0.5865		
								1605	95.802	0.5997		
								1640	53.923	0.6068		
								1645	52.066	0.6082		
								1730	50.236	0.6206		
								1755	86.646	0.6219		
								1845	84.888	0.6345		
								1850	83.152	0.6361		
								1930	81.442	0.6461		
								2000	78.089	0.6473		
								2045	76.449	0.6578		
								2115	73.235	0.6589		
								2220	70.114	0.6621		
								2225	68.565	0.6631		
								2310	67.080	0.6724		
								2315	65.555	0.6734		
								2355	64.134	0.6812		
							12-22	2400	62.695	0.6822		
								125	59.860	0.6922		
								150	57.145	0.6931		
								245	55.817	0.7025		
								320	53.211	0.7033		
								415	51.940	0.7121		
								445	49.457	0.7128		
								545	48.247	0.7217		
								550	47.054	0.7224		
								700	45.883	0.7322		
								735	43.557	0.7329		
								845	42.464	0.7420		
								915	40.313	0.7426		
								1030	39.256	0.7517		
								1110	37.197	0.7522		
								1235	36.196	0.7617		
								1240	35.211	0.7622		
								1400	34.245	0.7706		
								1445	32.365	0.7711		
								1615	31.452	0.7798		
								1710	29.677	0.7802		
								1905	28.815	0.7904		
								1955	27.140	0.7908		
								2145	26.328	0.7997		
								2155	25.533	0.8005		
								2310	25.533	0.8063		
							12-23	2400	24.752	0.8097		
								115	23.239	0.8100		
								330	22.507	0.8194		
								445	21.088	0.8197		
								800	20.401	0.8319		
								820	19.730	0.8325		
								940	19.730	0.8373		
								945	19.072	0.8376		
								1420	18.431	0.8532		
								1430	17.803	0.8537		
								1700	17.803	0.8618		
								1705	17.189	0.8621		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016143.



EVENT CP DECEMBER 12 - 23, 1971  
TIPTON, GEORGIA LITTLE RIVER WATERSHED J

1972 SELECTED RUNOFF EVENT

TIPTON, GEORGIA LITTLE RIVER WATERSHED J

ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 30 - APRIL 3, 1972										
RG 000038			EG 000038							
3-30	0.0	0.001	3-30	1209	0.0	0.0	3-30	25	14.876	0.0
				1240	0.1935	0.10		30	14.331	0.0002
				1310	0.2000	0.20		310	13.800	0.0070
				1325	1.2000	0.50		435	12.778	0.0072
				1350	0.2400	0.60		720	12.286	0.0135
WATERSHED CONDITIONS: Residential, 0.3%; water, 0.8%; crops, 26.3%; wet- land, 0.1%; pasture, 15.5%; roads, 0.9%; forest, 56.1%.				1400	0.6000	0.70		850	11.341	0.0137
				1405	1.2000	0.80		1130	10.887	0.0190
				1425	0.3000	0.90		1140	10.445	0.0154
				1440	0.4000	1.00		1305	10.887	0.0221
				1515	0.1714	1.10		1420	17.803	0.0226
				1535	0.3000	1.20		1525	24.752	0.0230
				1630	0.1091	1.30		1625	32.365	0.0240
				1640	0.6000	1.40		1700	40.313	0.0278
				1655	0.4000	1.50		1745	54.504	0.0294
				1710	0.4000	1.60		1825	65.595	0.0350
				1725	0.4000	1.70		1925	74.832	0.0372
				1745	0.3000	1.80		2005	79.755	0.0396
				1830	0.1333	1.90		2110	101.592	0.0574
				2010	0.0600	2.00		2130	105.581	0.0606
				2025	0.4000	2.10		2200	113.091	0.0640
				2035	0.6000	2.20		2235	118.070	0.0675
				2045	0.6000	2.30		2305	120.551	0.0783
				2100	0.4000	2.40		2330	125.507	0.0821
				2115	0.4000	2.50		2400	132.925	0.0861
				2140	0.2400	2.60	3-31	35	140.334	0.0903
				2200	0.3000	2.70		50	145.276	0.0968
				2330	0.0667	2.80		145	155.168	0.1014
				2400	0.0200	2.81		240	165.089	0.1064
3-31				435	0.0196	2.90		325	175.057	0.1116
								350	185.074	0.1252

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00018143.

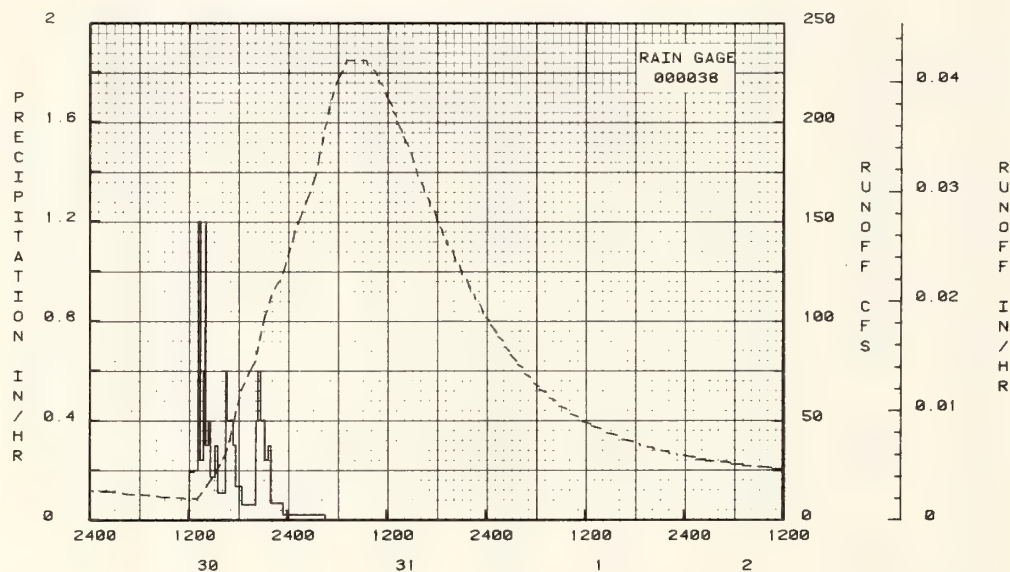
1972	SELECTED RUNOFF EVENT					TIFTON, GEORGIA LITTLE RIVER WATERSHED J				
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 30 - APRIL 3, 1972 (CONTINUED)										
							3-31	415	152.626	0.1310
								425	157.682	0.1365
								440	200.214	0.1455
								455	207.846	0.1552
								550	220.647	0.1618
								630	225.803	0.1768
								700	230.979	0.1857
								925	230.975	0.2870
								930	226.367	0.2905
								1020	225.803	0.3248
								1045	223.225	0.3350
								1050	220.647	0.3383
								1125	218.078	0.3615
								1150	212.951	0.3648
								1230	207.846	0.3675
								1235	205.256	0.3710
								1300	202.755	0.3865
								1305	200.214	0.3895
								1345	195.154	0.3925
								1350	192.626	0.3954
								1430	187.550	0.3982
								1510	180.060	0.4005
								1540	172.555	0.4036
								1620	167.579	0.4061
								1625	165.085	0.4086
								1705	160.126	0.4110
								1710	157.644	0.4134
								1740	155.168	0.4276
								1800	150.217	0.4255
								1840	145.276	0.4321
								1845	142.803	0.4343
								1915	140.334	0.4471
								1920	137.862	0.4452
								1955	135.394	0.4637
								2015	130.451	0.4657
								2045	127.980	0.4774
								2105	123.029	0.4793
								2140	120.551	0.4922
								2205	115.560	0.4939
								2235	113.051	0.5043
								2240	110.551	0.5060
								2315	108.090	0.5176
								2340	103.571	0.5192
								2400	101.552	0.5254
							4- 1	30	55.638	0.5345
								35	57.706	0.5360
								120	53.923	0.5374
								125	92.066	0.5388
								200	90.236	0.5485
								220	86.646	0.5498
								250	84.868	0.5576
								255	83.152	0.5588
								345	79.755	0.5612
								350	78.089	0.5624
								425	76.445	0.5706
								445	73.235	0.5717
								525	71.663	0.5805
								550	68.565	0.5815
								625	67.080	0.5887
								630	65.555	0.5857
								715	64.134	0.5985
								740	61.276	0.5995
								825	59.860	0.6077
								855	57.149	0.6086
								945	55.817	0.6171
								1020	53.211	0.6179
								1110	51.940	0.6259
								1145	49.457	0.6267
								1245	48.247	0.6355
								1250	47.054	0.6362
								1355	45.883	0.6454
								1440	43.597	0.6460
								1555	42.484	0.6558
								1635	40.313	0.6564
								1755	39.256	0.6660

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016143.



1972	SELECTED HUNCFP EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED J						
ANTECEDENT CONDITIONS			RAINFALL				HUNCFP			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 30 - APRIL 3, 1972 (CONTINUED)										
							4- 1	1840	36.218	0.6701
								1845	37.197	0.6706
								2025	36.156	0.6817
								2030	35.211	0.6823
								2210	34.245	0.6928
								2220	33.297	0.6938
								2310	33.297	0.6988
								2315	32.365	0.6993
								2400	32.365	0.7037
							4- 2	125	31.452	0.7119
								135	30.557	0.7129
								240	30.557	0.7189
								245	29.677	0.7193
								540	28.815	0.7348
								550	27.970	0.7357
								710	27.970	0.7425
								715	27.140	0.7429
								1040	26.328	0.7594
								1050	25.533	0.7602
								1245	25.533	0.7651
								1250	24.752	0.7695
								1630	23.988	0.7857
								1635	23.235	0.7861
								2025	22.507	0.8020
								2035	21.750	0.8026
								2235	21.790	0.8105
								2240	21.088	0.8109
								2400	21.088	0.8160
							4- 3	455	20.401	0.8345
								505	19.730	0.8351
								840	19.730	0.8479
								845	19.072	0.8482
								1750	18.431	0.8791
								1800	17.803	0.8797
								2250	17.803	0.8953
								2400	17.189	0.8986

NOTES: To convert runoff in CFS to in/hr, multiply by 0.00018143.



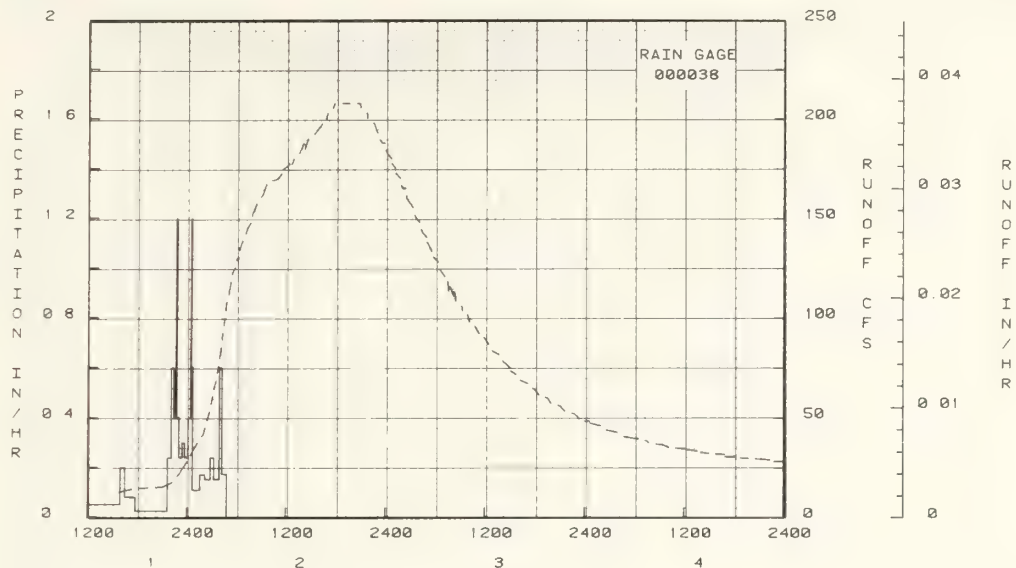
EVENT OF MARCH 30 - APRIL 3, 1972  
TIPTON, GEORGIA LITTLE RIVER WATERSHED J

1973			TIFTON, GEORGIA LITTLE RIVER WATERSHED J							
SELECTED FURCFF EVENT										
ANTECEDENT CONDITIONS			FAINFALL			FURCFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 1 - 5, 1973										
RG 000038			SG 000038							
2- 1	0.0	0.037	2- 1	1209	0.0	0.0	2- 1	1550	12.778	0.0
				1405	0.0517	0.10		1720	14.331	0.0004
				1600	0.0522	0.20		1825	14.876	0.0009
				1630	0.2000	0.30		2105	15.433	0.0082
				1745	0.0800	0.40		2215	17.803	0.0067
WATERSHED COMPOSITIONS:				2140	0.0255	0.50		2305	21.750	0.0094
Residential, 0.3%; water,				2205	0.2400	0.60		2400	27.970	0.0102
0.8%; crops, 26.3%; wet-				2215	0.6000	0.70	2- 2	50	34.245	0.0112
land, 0.1%; pasture, 15.5%;				2225	0.6000	0.80		155	41.390	0.0125
roads, 0.9%; forest, 56.1%.				2240	0.4000	0.50		245	53.211	0.0156
				2245	1.2000	1.00		330	68.585	0.0206
				2300	0.4000	1.10		400	81.442	0.0253
				2325	0.2400	1.20		445	108.050	0.0265
				2345	0.3000	1.30		515	118.070	0.0320
				2400	0.2400	1.36		525	123.029	0.0338
			2- 2	10	0.2400	1.40		545	125.507	0.0376
				25	0.4000	1.50		600	130.451	0.0434
				30	1.2000	1.60		610	130.451	0.0473
				40	0.6000	1.70		620	135.354	0.0514
				135	0.1091	1.80		715	145.276	0.0557
				210	0.1714	1.90		735	147.746	0.0646
				250	0.1500	2.00		750	152.654	0.0714
				315	0.2400	2.10		820	157.644	0.0761
				355	0.1500	2.20		905	162.607	0.0883
				405	0.6000	2.30		930	167.579	0.0934
				415	0.6000	2.40		1045	170.067	0.1316
				450	0.1714	2.50		1120	172.555	0.1369
								1130	175.057	0.1421
								1215	177.555	0.1661
								1235	177.555	0.1715
								1245	180.060	0.1769
								1325	182.565	0.1968
								1355	187.590	0.2045
								1410	185.074	0.2073
								1430	190.106	0.2130
								1515	192.626	0.2390
								1610	197.682	0.2558
								1640	200.214	0.2628
								1650	202.755	0.2689
								1725	205.256	0.2905
								1740	207.846	0.2936
								2045	207.846	0.4005
								2050	205.296	0.4036
								2135	202.755	0.4314
								2140	200.214	0.4344
								2225	197.682	0.4615
								2250	192.626	0.4644
								2325	187.590	0.4701
								2345	187.550	0.4815
								2400	182.565	0.4870
							2- 3	30	180.060	0.4960
								35	177.555	0.5007
								100	175.057	0.5140
								105	172.559	0.5167
								135	170.067	0.5322
								150	165.089	0.5398
								220	165.089	0.5548
								225	160.126	0.5573
								310	155.168	0.5691
								330	150.217	0.5714
								400	147.746	0.5849
								420	142.803	0.5871
								450	140.334	0.5999
								455	137.862	0.6020
								530	132.925	0.6061
								540	130.451	0.6081
								615	127.980	0.6218
								635	123.029	0.6236
								705	120.551	0.6347
								725	118.070	0.6383

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00118143.

1973      SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED J							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY      1 - 5, 1973      (CONTINUED)										
						2- 3	735	113.091	0.6418	
							745	115.580	0.6452	
							810	110.551	0.6469	
							815	113.051	0.6486	
							825	108.050	0.6519	
							910	105.581	0.6665	
							915	103.571	0.6681	
							950	101.552	0.6789	
							1005	57.706	0.6834	
							1045	95.802	0.6951	
							1115	92.066	0.6965	
							1150	50.236	0.7062	
							1225	86.646	0.7088	
							1255	63.152	0.7101	
							1340	81.442	0.7213	
							1410	78.069	0.7225	
							1500	74.832	0.7247	
							1505	73.235	0.7259	
							1545	71.663	0.7346	
							1615	66.585	0.7357	
							1705	67.080	0.7459	
							1755	64.134	0.7518	
							1830	61.276	0.7527	
							1930	59.880	0.7637	
							1955	57.149	0.7646	
							2100	55.817	0.7757	
							2135	53.211	0.7765	
							2245	51.940	0.7860	
							2320	49.457	0.7868	
							2400	48.247	0.7927	
						2- 4	35	46.247	0.7978	
							40	47.054	0.7985	
							155	45.883	0.8091	
							240	43.597	0.8098	
							400	42.484	0.8202	
							445	40.313	0.8208	
							630	39.256	0.8334	
							730	38.218	0.8363	
							745	37.197	0.8369	
							930	36.196	0.8485	
							1005	35.211	0.8491	
							1150	34.245	0.8601	
							1335	33.257	0.8693	
							1405	32.365	0.8698	
							1650	31.452	0.8857	
							1700	30.557	0.8866	
							1815	30.557	0.8936	
							1850	29.677	0.8940	
							2220	28.815	0.9126	
							2250	27.970	0.9135	
							2400	27.970	0.9194	
						2- 5	45	27.140	0.9198	
							500	26.328	0.9396	
							845	25.533	0.9561	
							910	24.752	0.9565	

NOTES: To convert runoff in CFS to IS/BS, multiply by 0.00016193.



EVENT OF FEBRUARY 1 - 5, 1973  
TIPTON, GEORGIA LITTLE RIVER WATERSHED J

1974 SELECTED RUNOFF EVENT				TIPTON, GEORGIA LITTLE RIVER WATERSHED J					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 14 - 17, 1974									
6-14	EG 000038 0.0	0.0	6-14	EG 000038 1245	0.0	6-14	1300	0.0	0.0
				1305	1.2000		1500	0.068	0.0
				1310	1.1999		1605	0.420	0.0000
				1320	1.2001		1815	0.283	0.0000
				1335	0.4000		1915	0.324	0.0001
WATERSHED CONDITIONS: Residential, 0.3%; water, 0.8%; crops, 26.3%; wet- land, 0.1%; pasture, 15.5%; roads, 0.9%; forest, 56.1%.				1355	0.5000		2100	2.204	0.0005
				1520	0.1412		2300	3.076	0.0007
				1525	2.4000		2400	3.919	0.0008
				1530	1.2001		140	5.170	0.0013
				1535	1.1999		300	6.661	0.0016
							405	8.796	0.0020
							435	10.015	0.0024
							525	12.778	0.0030
							635	16.004	0.0037
							710	19.072	0.0042
							730	21.088	0.0049
							755	24.752	0.0066
							800	24.752	0.0070
							820	27.970	0.0086
							830	28.815	0.0094
							900	33.297	0.0122
							915	34.245	0.0138
							935	37.197	0.0159
							1005	39.256	0.0177
							1020	41.390	0.0195
							1040	42.484	0.0221
							1055	44.731	0.0240
							1130	45.883	0.0288
							1155	48.247	0.0303
							1230	49.457	0.0355

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00016143.

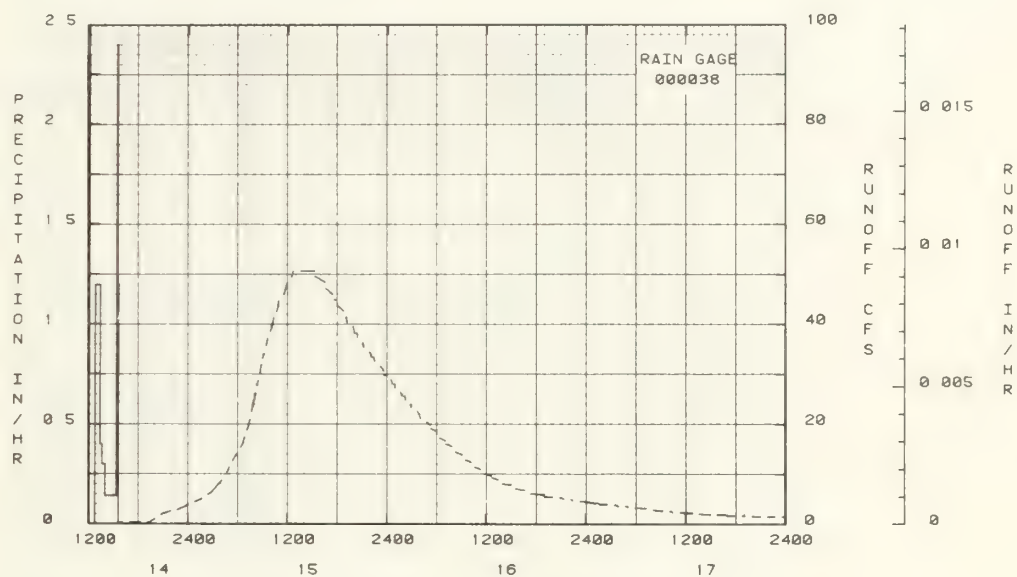


1974 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED J							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Eate	Acc.
Mo-Day	(irches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 14 - 17, 1974 (CONTINUED)										
							6-15	1240	50.690	0.0370
								1515	50.650	0.0607
								1520	49.457	0.0615
								1630	48.247	0.0718
								1635	47.054	0.0725
								1725	45.883	0.0796
								1735	44.731	0.0805
								1755	44.731	0.0837
								1800	43.557	0.0843
								1845	42.484	0.0902
								1905	41.350	0.0914
								1910	40.313	0.0921
								1955	39.256	0.0975
								2005	38.218	0.0986
								2020	38.218	0.1004
								2025	37.197	0.1009
								2105	36.156	0.1054
								2110	35.211	0.1059
								2200	34.245	0.1112
								2210	33.297	0.1122
								2225	33.297	0.1137
								2230	32.365	0.1142
								2315	31.452	0.1185
								2335	30.557	0.1195
								2340	29.677	0.1199
							6-16	2400	29.677	0.1217
								30	28.815	0.1244
								40	27.970	0.1252
								55	27.970	0.1265
								100	27.140	0.1269
								140	26.328	0.1301
								150	25.533	0.1305
								210	25.533	0.1325
								215	24.752	0.1328
								250	23.988	0.1354
								255	23.239	0.1358
								340	22.507	0.1389
								405	21.088	0.1392
								450	20.401	0.1420
								515	19.730	0.1429
								520	19.072	0.1432
								600	18.431	0.1455
								625	17.189	0.1457
								705	16.590	0.1476
								710	16.004	0.1480
								755	15.433	0.1502
								820	14.331	0.1504
								905	13.800	0.1523
								930	12.778	0.1525
								1015	12.286	0.1542
								1040	11.341	0.1544
								1120	10.887	0.1557
								1150	10.015	0.1559
								1240	9.597	0.1574
								1245	9.190	0.1575
								1330	8.796	0.1587
								1400	8.040	0.1588
								1455	7.679	0.1601
								1535	6.990	0.1603
								1640	6.661	0.1616
								1725	6.035	0.1617
								1900	5.737	0.1634
								1905	5.448	0.1635
								2110	5.170	0.1655
								2120	4.901	0.1656
								2220	4.901	0.1665
								2225	4.642	0.1666
								2400	4.392	0.1679
							6-17	135	4.151	0.1691
								140	3.919	0.1692
								345	3.695	0.1706
								355	3.481	0.1707
								500	3.481	0.1714
								505	3.274	0.1714
								720	3.076	0.1727

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00018143.

1974 SELECTED FLOOD EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED J								
ANTECEDENT CONDITIONS			RAINFALL				FLOOD				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JUNE 14 - 17, 1974 (CONTINUED)											
							6-17	825	2.704	0.1728	
								1025	2.530	0.1737	
								1030	2.363	0.1738	
								1250	2.204	0.1747	
								1405	1.908	0.1748	
								1655	1.770	0.1757	
								1705	1.635	0.1758	

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00018193.



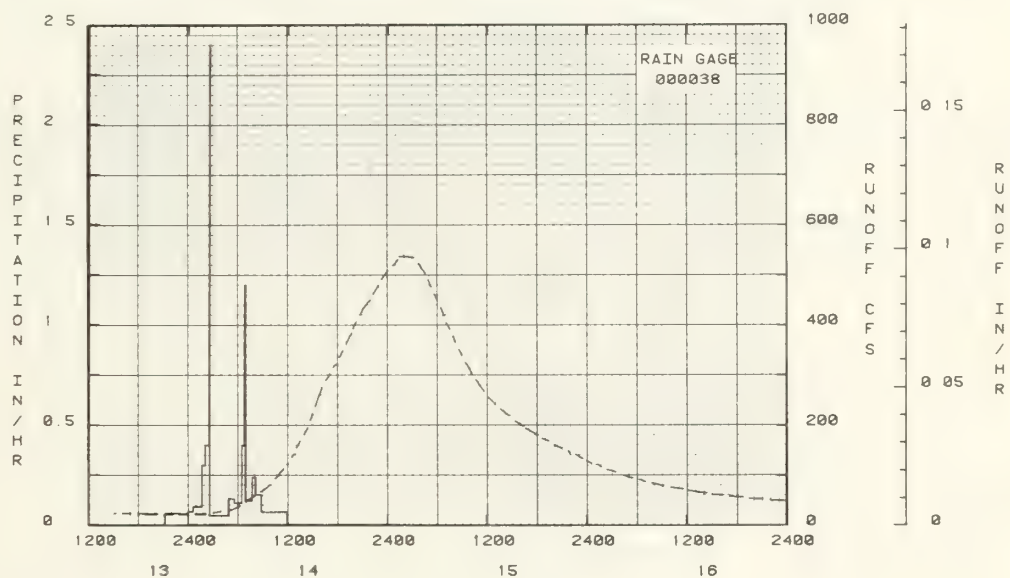
EVENT OF JUNE 14 - 17, 1974  
TIPTON, GEORGIA LITTLE RIVER WATERSHED J

1975 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED J						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
Acc. (inches)									
EVENT OF APRIL 13 - 17, 1975									
RG 000038			RG 000038						
4-13	3.30	0.291	4-13	2114	0.0	0.0	4-13	1510	23.988
				2255	0.0594	0.10		1515	23.239
				2400	0.0554	0.16		1915	22.507
			4-14	35	0.0686	0.20		1925	21.750
				140	0.0523	0.30		2210	21.750
WATERSHED CONDITIONS: Residential, 0.3%; water, 0.8%; crops, 26.3%; wet- land, 0.1%; pasture, 15.5%; roads, 0.9%; forest, 56.1%.				200	0.3000	0.40		2400	21.750
				215	0.4000	0.50	4-14	210	23.239
				230	0.4000	0.60		515	31.452
				235	2.4001	0.60		615	38.218
				450	0.0444	0.90		715	50.650
				535	0.1333	1.00		915	71.663
				630	0.1091	1.10		955	81.442
				645	0.4000	1.20		1130	113.091
				655	1.2000	1.40		1155	123.029
				745	0.1200	1.50		1205	123.029
				810	0.2400	1.60		1240	140.334
				850	0.1500	1.70		1250	142.803
				1025	0.0632	1.80		1305	155.168
				1155	0.0667	1.50		1425	155.154
								1535	251.881
								1610	275.757
								1735	319.413
								1750	322.185
								1940	384.624
								1950	393.352
								2100	431.750
								2150	449.792
								2250	477.228
								2325	495.770
								2400	508.240
			4-15	45	520.798	0.5740			
				115	530.270	0.5979			
				125	536.615	0.6181			
				310	533.445	0.7880			
				430	501.993	0.7992			
				640	422.805	0.9810			
				645	416.871	0.9873			
				800	373.065	1.0769			
				810	364.456	1.0880			
				930	322.185	1.1711			
				1010	302.885	1.1850			
				1110	276.479	1.1853			
				1215	254.516	1.2049			
				1300	241.387	1.2160			
				1350	228.387	1.2194			
				1445	218.078	1.2327			
				1535	205.296	1.2358			
				1625	197.682	1.2509			
				1640	192.626	1.2597			
				1805	180.060	1.2624			
				1840	172.559	1.2651			
				1925	167.579	1.2701			
				2015	157.644	1.2725			
				2105	152.694	1.2772			
				2145	147.746	1.2929			
				2200	142.803	1.2995			
				2240	140.334	1.3166			
				2330	132.925	1.3186			
				2400	127.960	1.3284			
			4-16	35	123.029	1.3303			
				120	120.551	1.3469			
				145	115.560	1.3486			
				225	110.591	1.3503			
				330	105.581	1.3551			
				420	99.638	1.3581			
				530	93.923	1.3610			
				635	90.236	1.3720			
				700	86.646	1.3734			
				840	81.442	1.3846			
				915	78.089	1.3858			

NOTES: To convert runoff in CFS to I/BB, multiply by 0.00018143.

1975 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED J						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Acc.
Mo-Day	(irches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs) (inches)
EVENT OF APRIL 13 - 17, 1975 (CONTINUED)									
4-16							1010	74.832	1.3880
							1135	71.663	1.3990
							1215	68.565	1.4000
							1315	67.060	1.4124
							1320	65.595	1.4134
							1425	64.134	1.4261
							1505	61.276	1.4270
							1625	59.860	1.4417
							1715	57.149	1.4426
							1845	55.817	1.4575
4-17							1935	53.211	1.4587
							2110	51.940	1.4738
							2215	49.457	1.4746
							2400	48.247	1.4866
							30	47.054	1.4893
							300	45.883	1.5104
							310	44.731	1.5118
							425	44.731	1.5219
							430	43.597	1.5226
							740	42.484	1.5473
							750	41.390	1.5486
							915	41.350	1.5552
							920	40.313	1.5595
							1210	39.256	1.5803
							1220	38.218	1.5815
							1400	38.218	1.5930
							1405	37.197	1.5936
							1735	36.156	1.6169
							1800	35.211	1.6174
							2220	34.245	1.6447
							2230	33.297	1.6458
							2400	33.297	1.6548

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00018143.



EVENT OF APRIL 13 - 17, 1975  
TIPTON, GEORGIA LITTLE RIVER WATERSHED J





74-007-31

TIPTON, GEORGIA LITTLE FIVER WATERSHED N

LOCATION: Turner County, Georgia; approximately 2 miles west of Ashburn on State Highway 32; Newell Branch, Withlacoochee River Sub-basin, Suwanee River Basin. Lat. 31 deg. 41 min. 46 sec., long. 83 deg. 41 min. 52 sec.

AREA: 4115.00 acres 6.43 sq. miles

SLOPES: Slope-Percent 0-2 2-5 5-8 8-12  
Percent of area 13.0 75.0 11.0 1.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwanee, Ocala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, limy clay, degraded limestone) are of lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Tifton loamy sand	42.98	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Low	Medium
Alapaha loamy sand	13.53	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Low	Poor
Cowarts loamy sand and sandy loam	11.15	6-12	Weak fine granular	Moderate	Weak to moderate medium subangular blocky	Moderate in upper to slow in lower part	36	Low	Good
Fugate loamy sand	9.83	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Low	Good
Dothan loamy sand	5.13	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium subangular blocky	Moderate	60-72	Low	Medium
Kinston-Osler fine sandy loam	3.91	6	Moderate fine granular to moderate medium granular	Moderate	Weak medium subangular blocky	Moderate	60	Moderate	Poor to very poor
Leefield loamy sand	2.86	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part moderately slow in lower part	60-68	Low	Poor
Esto sandy loam	2.78	4-5	Moderate medium granular	Slow	Moderate medium subangular blocky	Slow	60-72	Low	Good
Lakeland sand	2.20	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-85	Moderate	Excessive
Stilson loamy sand	1.45	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Low	Moderately well
Pelham loamy sand	1.04	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Low	Poor

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia  
Institute of Technology, and Middle South Georgia Soil Conservation District

SERIES OR TYPE (TEXTURE)	Per- cent of area	TOPSOIL			SUBSOIL		SUBSTRATUM		
		Avg. depth (in.)	Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Miscellaneous soils (12), each less than 1%	3.14								
TOTAL	100.00								
1/Percent of area based on 1979 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EROSION:      Erosion Class      +      1      2      3      4      5  
                  Percent of Area      0.0      82.0      18.0      0.0      0.0      0.0

LAND CAPABILITY:      Class      I      II      III      IV      V      VI      VII      VIII  
                  Percent of Area      0.3      47.4      10.1      1.9      35.3      0.9      4.1      0.0

**GEOLOGY:** Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station 1. Below Station 1, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 2 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by E. E. Carver, Department of Geology, University of Georgia).

SYSTEM	Formation and percent of area		Description
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Deposited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.
Paleocene	Tampa limestone formation		White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee Limestone		White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone		White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene			Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL		100.00	

**SURFACE DRAINAGE:** Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 4.9 miles. Drainage density 4.76.

**CHARACTER OF FLOW:** Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

**INSTRUMENTATION:** Runoff: Two Fischer and Porter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one FW-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Fifteen Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 1-1/2 mile grid.



WATERSHED CONDITIONS: Water, 1.0%; crops, 29.6%; wetland, 0.1%; pasture, 12.6%; roads, 0.7%; forest, 55.8%.

GENERALLY REPRESENTS: Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)						TIFTON, GEORGIA LITTLE RIVER WATERSHED #													
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual					
1968	P	2.70	1.45	2.07	1.91	2.21	1.84	7.34	4.57	0.78	0.32	2.77	5.46	33.42					
	Q	0.641	0.311	0.439	0.080	0.000	0.0	0.000	0.011	0.0	0.0	0.0	0.001	1.462					
1969	P	0.27	3.63	5.99	1.14	7.23	2.09	6.17	7.26	5.23	0.29	0.62	4.26	44.18					
	Q	0.017	0.386	2.464	0.684	1.322	0.454	0.043	2.243	0.733	0.113	0.0	0.349	8.818					
1970	P	2.66	3.56	10.78	1.39	9.00	5.32	6.08	5.63	1.09	3.11	1.38	4.25	56.25					
	Q	0.959	1.670	4.829	2.372	2.024	2.747	1.223	3.568	0.687	0.210	0.240	0.702	21.230					
1971	P	3.74	6.17	7.30	4.19	2.74	3.53	7.13	7.35	0.72	2.15	3.52	5.93	54.47					
	Q	2.358	3.186	5.192	2.253	1.291	0.058	0.932	2.146	0.258	0.036	0.160	2.347	20.258					
1972	P	4.83	5.72	5.64	0.56	2.02	9.79	3.11	2.43	0.99	1.43	2.38	5.41	44.31					
	Q	3.253	4.194	2.567	1.269	0.118	1.566	0.621	0.002	0.0	0.0	0.000	0.000	13.611					
1973	P	5.36	6.67	6.38	7.42	3.39	6.63	6.62	4.70	0.57	0.51	1.20	3.22	52.69					
	Q	1.814	5.083	2.669	5.906	1.442	1.610	1.836	1.159	0.067	0.0	0.0	0.0	21.586					
1974	P	4.86	8.45	4.68	3.55	3.92	5.63	5.13	6.58	4.99	0.70	2.37	2.33	53.19					
	Q	0.522	4.864	2.545	2.389	0.437	0.677	0.127	1.277	1.221	0.049	0.032	0.285	14.431					
1975	P	5.56	3.77	7.15	8.28	4.26	3.38	8.13	5.98	1.21	2.54	1.88	3.35	55.51					
	Q	2.052	2.211	4.230	5.274	1.463	0.451	1.412	2.129	0.018	0.034	0.010	0.153	19.476					
STA AV	P	3.75	4.93	6.25	3.56	4.35	4.78	6.21	6.06	1.95	1.38	2.02	4.26	49.51					
	Q	1.453	2.738	3.120	2.533	1.012	0.950	0.774	1.567	0.373	0.055	0.055	0.480	15.112					
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																			
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval								2 Days		8 Days	
		Date	Rate	Date	Vol.	Date	Vol.	Date	6 Hours	Date	12 Hours	Date	1 Day	Date	Vol.	Date	Vol.		
1968		3-12	0.004	3-12	0.004	3-12	0.008	3-12	0.022	3-12	0.043	3-11	0.081	3-11	0.135	1-10	0.255		
1969		8-3	0.090	8-2	0.090	8-2	0.176	8-2	0.467	8-2	0.735	8-2	1.036	8-2	1.319	8-2	1.686		
1970		8-24	0.079	8-24	0.078	8-24	0.153	3-31	0.425	3-30	0.788	3-30	1.390	3-30	1.505	5-28	3.051		
1971		3-3	0.070	3-3	0.070	3-3	0.138	3-3	0.366	3-3	0.587	3-3	0.997	3-2	1.483	2-27	2.513		
1972		3-31	0.037	3-31	0.037	3-31	0.073	3-31	0.216	3-30	0.405	3-30	0.669	3-30	0.914	2-1	1.665		
1973		4-26	0.066	4-26	0.066	4-26	0.131	4-26	0.380	4-26	0.668	4-26	0.995	4-25	1.321	3-31	3.020		
1974		2-7	0.043	2-7	0.042	2-7	0.084	2-7	0.244	2-7	0.470	2-7	0.848	2-6	1.301	2-16	2.099		
1975		4-14	0.094	4-14	0.093	4-14	0.186	4-14	0.534	4-14	0.944	4-14	1.454	4-14	1.905	4-10	3.539		
MAXIMUMS FOR PERIOD OF RECORD																			
		4-14	0.094	4-14	0.093	4-14	0.186	4-14	0.534	4-14	0.944	4-14	1.454	4-14	1.905	4-10	3.539		
		1975		1975		1975		1975		1975		1975		1975		1975			

NOTES: Watershed conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.008-30 this publication. For composition map showing location of rain gages see map page 74.002-22 this publication. Precipitation records began January 1968. Runoff records began January 1, 1968. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 12 recording gages. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.



1968	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED K						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.18	0.0	0.0	0.0	0.0	0.0	0.0	1.54	0.08	0.0	0.0	0.15
2	0.20	0.30	0.0	0.0	0.0	0.17	0.0	0.04	0.0	0.0	0.0	0.04
3	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.66
4	0.01	0.0	0.0	0.0	0.08	0.0	1.14	0.0	0.0	0.0	0.20	0.0
5	0.0	0.0	0.0	0.59	0.04	0.0	0.17	0.03	0.02	0.0	0.01	0.0
6	0.0	0.07	0.0	0.0	0.0	0.38	0.06	0.02	0.0	0.0	0.0	0.0
7	0.16	0.0	0.0	0.0	0.0	0.69	0.24	0.0	0.0	0.16	0.0	0.12
8	0.0	0.0	0.0	0.0	0.0	0.0	0.63	0.0	0.11	0.0	0.0	0.0
9	0.25	0.0	0.0	0.0	0.0	0.01	0.60	0.22	0.16	0.0	0.50	0.0
10	0.65	0.0	0.44	0.08	0.01	0.0	0.90	0.24	0.02	0.0	0.05	0.0
11	0.0	0.0	1.06	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.80	0.0
12	0.0	0.0	0.29	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.04	0.0
13	0.02	0.0	0.0	0.0	0.0	0.01	0.0	0.35	0.03	0.0	0.02	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.01	0.20
15	0.01	0.20	0.0	0.06	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0
16	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.11	0.0
17	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.02	0.12	0.03	0.0	0.0
18	0.0	0.21	0.0	0.0	0.53	0.0	0.0	0.83	0.02	0.13	0.27	0.0
19	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.02	0.0	0.0	0.0	0.02
20	0.0	0.0	0.0	0.0	0.0	0.0	0.23	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.01	0.13	0.0	0.02	0.08	0.0	0.0	0.0	0.0	0.0	0.88
23	0.17	0.30	0.0	0.01	0.0	0.02	0.27	0.0	0.0	0.0	0.0	0.01
24	0.01	0.07	0.0	0.28	0.01	0.0	0.02	0.63	0.0	0.0	0.08	0.0
25	0.0	0.0	0.01	0.01	0.02	0.0	0.88	0.10	0.0	0.0	0.04	0.0
26	0.0	0.0	0.0	0.0	0.61	0.0	0.01	0.05	0.20	0.0	0.02	0.0
27	0.0	0.0	0.0	0.51	0.03	0.0	0.0	0.29	0.02	0.0	0.02	0.0
28	0.01	0.0	0.0	0.22	0.86	0.0	0.05	0.03	0.0	0.0	0.16	0.77
29	0.0	0.25	0.0	0.15	0.0	0.0	0.46	0.0	0.0	0.0	0.04	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	1.40	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.11	0.0	0.0	0.0	1.37
TOTAL	2.70	1.45	2.07	1.91	2.21	1.84	7.34	4.57	0.78	0.32	2.77	5.46
STA AV	2.70	1.45	2.07	1.91	2.21	1.84	7.34	4.57	0.78	0.32	2.77	5.46

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 1 yr (1968) record period.

1969	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED K						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.02	0.08	0.0	0.0	0.0	0.0	0.03	0.08	0.24	0.07	0.0
2	0.0	0.04	0.0	0.0	0.0	0.0	0.05	4.26	0.0	0.0	0.0	0.0
3	0.0	0.29	0.13	0.0	0.0	0.02	0.01	0.05	0.0	0.0	0.0	0.0
4	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.53	0.0	0.0	0.02	0.0
5	0.0	0.0	0.0	0.62	0.01	0.01	0.0	0.01	0.0	0.0	0.0	0.0
6	0.02	0.20	1.73	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.03
7	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.62
8	0.03	0.51	0.13	0.02	0.04	0.0	0.05	0.0	0.82	0.0	0.0	0.0
9	0.04	0.01	0.03	0.0	0.18	0.0	0.07	0.01	0.01	0.01	0.0	0.13
10	0.0	0.0	0.0	0.0	0.0	1.71	0.0	0.16	0.0	0.0	0.0	1.12
11	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.02	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.01	0.53	0.01	0.0	0.0	0.18	0.0
13	0.02	0.0	0.0	0.0	0.0	0.0	0.02	0.09	0.0	0.0	0.11	0.0
14	0.0	0.53	0.0	0.0	0.16	0.02	0.58	0.04	0.0	0.0	0.0	0.0
15	0.0	1.59	0.0	0.02	0.66	0.0	0.25	0.01	0.01	0.0	0.0	0.0
16	0.0	0.05	0.29	0.01	1.60	0.0	0.05	0.0	0.02	0.0	0.0	0.0
17	0.0	0.0	0.32	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	2.14	0.32	1.12	0.0	0.0	0.04	0.06	0.0	0.02	0.0
19	0.07	0.0	0.0	0.0	0.11	0.0	0.0	0.01	0.15	0.0	0.20	0.0
20	0.07	0.0	0.0	0.0	0.0	0.24	0.13	0.0	0.24	0.02	0.01	0.0
21	0.0	0.0	0.0	0.0	0.0	0.04	0.02	0.0	3.69	0.02	0.0	1.14
22	0.0	0.36	0.0	0.0	0.0	0.0	0.87	0.72	0.09	0.0	0.0	0.0
23	0.0	0.02	0.07	0.0	0.04	0.0	0.54	0.62	0.05	0.0	0.0	0.10
24	0.02	0.0	1.05	0.0	0.0	0.0	0.74	0.01	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.87
26	0.0	0.0	0.0	0.0	2.54	0.0	0.02	0.0	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.22	0.02	0.09	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.12	0.02	0.0	1.05	0.0	0.0	0.0	0.01	0.0
29	0.0	0.0	0.0	0.02	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.02
30	0.0	0.0	0.0	0.01	0.50	0.0	0.50	0.09	0.0	0.0	0.0	0.07
31	0.0	0.0	0.0	0.02	0.02	0.0	0.49	0.14	0.0	0.0	0.0	0.16
TOTAL	0.27	3.63	5.99	1.14	7.23	2.05	6.17	7.26	5.23	0.29	0.62	4.26
STA AV	1.49	2.54	4.03	1.53	4.72	1.57	6.76	5.92	3.01	0.31	1.70	4.86

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 2 yr (1968-69) record period.

1970	DAILY PRECIPITATION (inches)					TIPICN, GEORGIA LITTLE RIVER WATERSHED K						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.23	0.22	0.0	0.0	0.0	0.31	0.0	0.19	0.32	0.0	0.0	0.0
2	0.02	1.12	0.0	0.27	0.0	0.09	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.30	0.0	0.0	0.65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	1.14	0.0	0.20	1.57	0.65	0.0	0.0	0.0	0.0	0.0
5	0.12	0.0	0.04	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	1.00	0.0	0.0	0.01	0.0	0.0	0.0	1.13	0.0	0.0	0.0	0.0
7	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.09	0.0	0.0	0.0	0.0
8	0.0	0.0	0.95	0.0	0.0	0.0	0.06	0.50	0.0	0.06	0.0	0.0
9	0.0	0.01	0.03	0.0	0.0	0.0	0.07	0.03	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.02	1.15	0.0	0.0	1.01	0.0
11	0.16	0.0	0.35	0.0	0.0	0.0	0.22	0.13	0.26	0.0	0.0	0.0
12	0.05	0.0	0.05	0.22	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.20
13	0.0	0.0	0.0	0.01	0.0	0.38	0.10	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.05	0.31	0.0
15	0.15	0.0	0.0	0.0	0.02	0.02	0.0	0.0	0.0	0.0	0.0	0.20
16	0.04	1.09	0.0	0.0	0.19	0.0	0.65	0.10	0.09	0.0	0.0	1.50
17	0.02	0.32	0.07	0.0	0.03	0.0	0.03	0.11	0.0	0.0	0.0	0.0
18	0.0	0.04	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.01	0.56	0.0	0.0	0.0	0.05	0.0	0.54	0.05	0.0
20	0.0	0.0	1.27	0.08	0.0	0.0	0.25	0.04	0.0	0.09	0.0	0.0
21	0.0	0.0	1.97	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.04	0.0	0.0	1.08	0.61	0.0	0.0	0.0	0.0	0.0
23	0.11	0.0	0.0	0.0	0.0	0.14	0.43	1.82	0.0	0.0	0.0	0.02
24	0.0	0.0	0.0	0.0	0.0	0.07	0.90	2.14	0.02	2.22	0.0	0.01
25	0.0	0.46	0.0	0.0	1.35	0.23	0.0	0.73	0.19	0.05	0.0	0.10
26	0.02	0.0	0.0	0.13	1.14	0.02	1.90	1.41	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.03	0.04	0.57	0.0	0.01	0.19	0.0	0.01	0.0
28	0.0	0.0	0.99	0.0	3.23	0.0	0.07	0.0	0.02	0.0	0.0	0.0
29	0.66	0.0	0.03	0.0	1.23	0.02	0.0	0.0	0.0	0.10	0.0	1.48
30	0.05	0.0	2.84	0.0	0.62	0.0	0.01	0.0	0.0	0.0	0.0	0.36
31	0.0	0.0	0.98	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.38
TOTAL	2.66	3.56	10.78	1.35	5.00	5.32	6.08	9.63	1.09	3.11	1.38	4.25
STA AV	1.88	2.88	6.28	1.48	6.15	3.06	6.53	7.15	2.37	1.24	1.59	4.66

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 3 yr (1968-70) record period.

1971	DAILY PRECIPITATION (inches)					TIPICN, GEORGIA LITTLE RIVER WATERSHED K						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.28	0.01	0.02	0.0	0.37	0.09	0.0	0.0	0.01	0.06
2	0.0	0.0	1.76	0.59	0.16	0.0	0.52	0.07	0.05	0.0	0.02	1.14
3	0.0	0.0	1.25	0.01	0.03	0.0	0.40	0.0	0.05	0.0	0.33	1.38
4	0.75	0.0	0.01	0.0	0.0	0.0	0.61	1.11	0.27	0.0	0.0	0.0
5	0.11	0.76	0.0	1.16	0.0	0.0	0.04	0.03	0.04	0.0	0.0	0.01
6	0.0	0.0	0.02	0.0	0.0	0.15	0.03	0.0	0.04	0.0	0.0	0.17
7	0.0	1.47	0.11	0.0	0.0	0.06	0.56	0.0	0.01	0.0	0.0	0.23
8	1.42	0.72	0.0	0.01	0.58	0.0	0.04	0.0	0.0	0.0	0.0	0.0
9	0.08	0.0	0.0	0.0	0.0	0.09	0.0	1.85	0.0	0.53	0.08	0.0
10	0.02	0.01	0.06	0.0	0.03	0.0	0.02	0.47	0.0	0.20	0.02	0.0
11	0.0	0.0	0.0	0.0	0.0	0.09	1.00	1.02	0.0	0.0	0.0	0.31
12	0.01	0.38	0.0	0.0	0.81	0.01	0.04	0.05	0.0	0.03	0.01	0.0
13	0.0	0.05	0.30	0.0	0.02	0.22	0.0	0.0	0.0	0.0	0.0	0.03
14	0.0	0.0	0.03	0.02	0.0	0.01	0.24	0.0	0.0	0.22	0.0	0.0
15	0.17	0.02	0.12	0.0	0.52	0.52	0.49	0.0	0.0	0.08	0.0	0.0
16	0.0	0.04	0.0	0.0	0.0	0.0	0.03	0.12	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.01	0.55	0.0	0.0	0.10	0.01	0.0	0.07
18	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.04	0.02	0.0	0.0	0.02
19	0.0	0.0	0.29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	1.08	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.15	0.03	2.48
21	0.0	0.0	0.02	0.0	0.01	0.31	0.0	0.0	0.05	0.11	0.01	0.01
22	0.0	0.24	0.17	0.0	0.0	0.01	0.0	0.05	0.03	0.0	0.0	0.0
23	0.13	0.0	0.15	0.26	0.0	0.0	0.0	0.16	0.02	0.01	0.0	0.0
24	0.02	0.0	0.0	0.0	0.0	0.0	0.10	0.09	0.0	0.32	0.14	0.0
25	0.57	0.0	1.00	0.0	0.04	0.0	0.0	1.00	0.0	0.0	0.0	0.0
26	0.0	0.38	0.91	0.0	0.0	0.0	0.29	0.02	0.0	0.0	0.0	0.0
27	0.0	0.12	0.0	0.0	0.0	0.0	0.01	0.01	0.0	0.02	0.01	0.0
28	0.0	0.90	0.0	0.08	0.04	0.75	0.02	0.0	0.0	0.0	1.61	0.02
29	0.0	0.0	0.80	0.78	0.04	0.71	0.90	1.13	0.0	0.0	1.25	0.0
30	0.46	0.0	0.0	1.27	0.01	0.0	0.24	0.04	0.0	0.03	0.0	0.0
31	0.0	0.0	0.02	0.0	0.0	0.0	0.78	0.0	0.0	0.04	0.0	0.0
TOTAL	3.74	6.17	7.30	4.15	2.74	3.53	7.13	7.35	0.72	2.15	3.52	5.93
STA AV	2.34	3.70	6.54	2.16	5.30	3.20	6.68	7.20	1.96	1.47	2.07	4.98

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 4 yr (1968-71) record period.

1972	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED K						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	1.49	0.0	0.0	0.0	0.0	0.11	0.0	0.0	0.0	0.0	0.02
2	0.38	0.01	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	1.14	0.0	0.02	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.53	0.0	0.18	0.0	0.0	0.0	1.34	0.0	0.02	0.0	0.0	0.07
6	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	2.09
7	0.0	0.78	0.0	0.0	0.0	0.0	0.01	0.11	0.0	0.0	0.0	0.0
8	0.0	0.02	0.27	0.07	1.17	0.0	0.0	0.02	0.0	0.0	0.0	0.0
9	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.21	0.0	0.0	0.0
10	0.28	0.0	0.0	0.0	0.0	0.11	0.0	0.02	0.02	0.0	0.04	0.0
11	1.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0
12	0.01	0.59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.02	0.0	0.0	0.0	0.46	0.0	0.01	0.0	0.0	0.0	0.83	0.0
14	0.02	0.0	0.0	0.0	0.02	0.0	0.0	0.65	0.0	0.31	0.04	0.01
15	0.0	0.21	0.0	0.0	0.05	0.0	0.03	0.0	0.0	0.02	0.0	0.31
16	0.0	0.66	0.92	0.0	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.0
17	0.0	0.02	0.03	0.0	0.0	0.24	0.04	0.01	0.0	0.0	0.0	0.0
18	0.02	0.02	0.04	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.05	0.0	0.02	4.15	0.0	0.0	0.0	0.0	0.26	0.0
20	0.01	0.0	0.0	0.0	0.08	1.33	0.0	0.02	0.0	0.0	0.0	0.01
21	0.02	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.89
22	0.40	0.0	0.05	0.45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.12
23	0.02	0.01	0.01	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.37	0.0	0.0	0.27	0.0	0.27
25	0.05	0.02	0.14	0.0	0.0	2.52	0.20	0.04	0.01	0.0	0.72	0.0
26	0.0	0.31	0.0	0.0	0.0	0.05	0.0	0.50	0.0	0.0	0.0	0.0
27	0.0	0.28	0.0	0.0	0.11	1.21	0.07	0.0	0.01	0.82	0.0	0.0
28	0.01	0.0	0.56	0.0	0.10	0.02	0.0	1.01	0.02	0.0	0.0	0.0
29	0.33	0.0	0.01	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.18	0.0
30	0.18	0.0	2.76	0.0	0.0	0.0	0.20	0.0	0.70	0.01	0.20	0.0
31	0.05	0.0	0.12	0.0	0.0	0.0	0.70	0.0	0.0	0.0	0.0	1.62
TOTAL	4.83	5.72	5.64	0.56	2.02	5.79	3.11	2.43	0.99	1.43	2.38	5.41
STA AV	2.84	4.11	6.36	1.84	4.64	4.51	5.97	6.25	1.76	1.46	2.13	5.06

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 5 yr (1968-72) record period.

1973	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED K						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.74	1.28	0.0	0.60	0.0	0.05	0.0	0.06	0.12	0.11	0.0	0.0
2	0.41	1.16	0.0	0.0	0.0	0.06	0.0	0.48	0.02	0.0	0.0	0.0
3	0.0	0.0	0.17	1.08	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0
4	0.21	0.0	0.0	0.05	0.0	0.0	0.0	1.19	0.0	0.0	0.0	0.18
5	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.57
6	0.0	0.0	0.06	0.0	0.0	0.69	0.06	0.0	0.0	0.0	0.0	0.0
7	0.21	0.0	0.0	1.78	0.02	0.0	0.0	0.71	0.0	0.0	0.0	0.0
8	0.88	0.80	0.0	0.0	0.98	0.70	2.73	0.0	0.0	0.0	0.02	0.0
9	0.02	1.90	0.20	0.0	0.0	0.37	0.06	0.0	0.0	0.0	0.03	0.0
10	0.05	0.02	0.01	0.0	0.0	0.26	0.0	0.0	0.10	0.0	0.0	0.0
11	0.0	0.46	0.0	0.0	0.0	0.19	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.03	0.35	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.01	0.0	0.0	0.02	0.51	0.0	0.09	0.0	0.0	0.0
14	0.0	1.02	0.0	0.0	0.0	0.10	0.42	0.17	0.11	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.07	0.0	0.01	0.01	0.0	0.01	0.51
16	0.0	0.0	0.96	0.0	0.0	0.13	0.26	0.63	0.0	0.0	0.04	0.47
17	0.0	0.0	0.0	0.0	0.0	0.51	0.06	0.0	0.0	0.01	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.02	0.52	0.26	0.0	0.0	0.0	0.0
19	0.77	0.0	0.0	0.0	0.07	0.02	0.01	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.21	0.0	0.05	0.06	0.0	0.0	0.0	0.0	0.05	0.09
21	0.26	0.0	0.0	0.0	0.03	0.01	0.01	0.0	0.0	0.0	0.46	0.0
22	0.69	0.0	0.0	0.0	0.0	0.29	0.01	0.0	0.0	0.03	0.01	0.0
23	0.0	0.0	0.0	0.0	0.0	0.86	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.01	0.01	0.0	0.0	0.0	0.0	0.0	0.01
25	0.0	0.0	1.12	1.48	0.08	0.01	0.26	0.0	0.0	0.0	0.0	0.0
26	0.65	0.0	0.0	2.38	1.46	0.02	0.38	0.08	0.04	0.0	0.0	0.70
27	0.0	0.0	0.0	0.0	0.03	0.0	0.37	0.0	0.06	0.0	0.0	0.0
28	0.49	0.0	0.18	0.01	0.0	1.56	0.01	0.01	0.0	0.20	0.58	0.0
29	0.0	0.0	0.33	0.0	0.56	0.02	0.0	0.02	0.0	0.0	0.0	0.0
30	0.0	0.0	0.84	0.0	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.21
31	0.0	0.0	1.93	0.0	0.0	0.0	0.55	0.89	0.0	0.16	0.0	0.08
TOTAL	5.38	6.67	6.38	7.42	3.39	6.63	6.62	4.70	0.57	0.51	1.20	3.22
STA AV	3.26	4.53	6.36	2.77	4.43	4.67	6.08	5.99	1.56	1.30	1.98	4.76

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 6 yr (1968-73) record period.



1974 DAILY PRECIPITATION (inches) TIFON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.03	0.09	0.0	0.0	0.0	0.0	0.0	1.06	0.0	0.0	0.0	0.0
2	0.0	0.35	0.0	0.78	0.02	1.62	0.54	0.10	0.03	0.0	0.0	0.0
3	0.01	0.42	0.0	0.0	0.0	0.20	1.22	0.21	0.06	0.0	0.0	0.0
4	0.10	0.0	0.0	1.66	0.0	0.02	0.0	0.25	0.0	0.0	0.0	0.0
5	0.02	0.0	0.0	0.05	0.25	0.61	0.0	1.20	0.78	0.0	0.0	0.0
6	0.03	2.32	0.0	0.0	0.0	0.0	0.02	0.79	2.18	0.0	0.0	0.0
7	0.05	1.50	0.0	0.0	0.0	0.0	0.0	0.65	0.51	0.0	0.0	0.38
8	0.0	0.21	0.0	0.45	0.0	0.04	0.03	0.0	0.27	0.0	0.0	0.0
9	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.24	0.0	0.13	0.0
10	0.0	0.0	0.0	0.0	0.0	0.35	0.0	0.0	0.04	0.0	0.0	0.0
11	1.28	0.0	0.0	0.0	1.57	0.01	0.0	0.0	0.0	0.0	0.12	0.0
12	0.0	0.0	0.0	0.02	0.04	0.0	0.02	0.0	0.0	0.0	0.0	0.08
13	0.0	0.0	0.0	0.17	0.0	0.01	0.0	0.18	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.01	0.0	2.12	0.0	0.06	0.0	0.0	0.12	0.0
15	0.02	0.13	0.0	0.27	0.26	0.0	0.0	0.02	0.0	0.02	0.01	0.50
16	0.0	2.05	0.18	0.0	0.11	0.0	0.0	0.0	0.0	0.67	0.01	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.10	0.22	0.25	0.01	0.24	0.0
18	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	1.10	0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.22	0.0	0.15	0.0	0.06	0.22	0.84	0.24	0.0	0.0	1.06	1.30
21	0.13	0.0	0.82	0.0	0.0	0.85	0.0	0.60	0.0	0.0	0.0	0.0
22	0.0	0.28	0.0	0.13	0.0	0.03	0.0	0.01	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.01	1.43	0.04	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.01	0.0	0.40	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.61	0.0	0.0	0.0	0.62	0.04	0.01	0.0	0.0	0.02
26	0.0	0.0	0.21	0.0	0.16	0.0	0.80	0.01	0.57	0.0	0.0	0.0
27	0.0	0.0	0.55	0.0	0.0	0.07	0.16	0.02	0.01	0.0	0.0	0.0
28	0.16	0.0	0.10	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.05
29	0.59	0.0	1.73	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.21	0.0	0.0	0.0	0.01	0.0	0.42	0.78	0.0	0.0	0.68	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.14	0.0	0.0	0.0	0.0
TOTAL	4.86	8.45	4.68	3.55	3.52	5.63	5.13	6.58	4.99	0.70	2.37	2.33
STA AV	3.49	5.09	6.12	2.88	4.36	4.58	5.94	6.07	2.05	1.22	2.03	4.41

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 7 yr (1968-74) record period.

1975 DAILY PRECIPITATION (inches) TIFON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.02	0.25	0.42	0.0	0.0	0.0	2.80	0.0	0.21	0.0	0.44
2	0.0	0.15	0.0	0.02	0.0	0.03	0.0	0.02	0.0	0.04	0.0	0.0
3	0.0	0.52	0.0	0.13	0.06	0.0	0.0	0.01	0.0	0.0	0.0	0.0
4	0.30	0.0	0.02	0.0	0.0	0.0	0.0	0.03	0.0	0.28	0.0	0.0
5	0.0	0.07	0.0	0.0	0.0	0.01	0.35	0.03	0.0	0.0	0.0	0.0
6	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.28	0.02	0.12	0.0	0.0
7	0.0	0.0	0.15	0.0	0.31	0.01	0.07	0.01	0.0	0.49	0.11	0.08
8	0.94	0.0	0.0	0.0	0.0	0.0	0.45	0.90	0.0	0.06	0.24	0.0
9	0.0	0.0	0.0	0.85	0.0	0.43	0.02	0.0	0.02	0.0	0.0	0.40
10	0.0	0.04	0.01	2.15	0.0	0.23	0.08	0.11	0.03	0.0	0.18	0.0
11	0.43	0.0	0.02	0.12	0.0	0.42	1.86	0.09	0.0	0.0	0.01	0.0
12	2.03	0.17	0.0	0.0	0.15	0.59	0.0	0.0	0.0	0.0	1.04	0.0
13	0.0	0.0	0.03	0.09	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.02	0.0	0.27	3.76	0.55	0.0	1.30	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.37	0.16	0.56	0.0	0.0	0.0	0.0	0.0
16	0.0	0.38	3.09	0.0	1.00	0.0	0.05	0.0	0.0	0.0	0.0	0.03
17	0.0	0.66	0.0	0.02	0.50	0.0	0.54	0.0	0.29	1.34	0.0	0.60
18	0.0	0.13	2.45	0.0	0.0	0.07	0.12	0.0	0.20	0.0	0.0	0.0
19	0.38	0.62	0.0	0.09	0.0	0.34	0.01	0.49	0.08	0.0	0.01	0.0
20	0.23	0.02	0.0	0.16	0.0	0.0	0.55	0.03	0.0	0.0	0.0	0.0
21	0.0	0.02	0.0	0.0	0.0	0.0	0.87	0.12	0.14	0.0	0.15	0.0
22	0.21	0.63	0.0	0.0	0.0	0.0	0.02	0.01	0.09	0.0	0.0	0.0
23	0.46	0.04	0.0	0.0	0.0	0.0	0.01	0.0	0.15	0.0	0.02	0.0
24	0.29	0.30	0.62	0.0	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0
25	0.28	0.0	0.0	0.0	0.0	0.34	0.0	0.0	0.0	0.0	0.0	0.80
26	0.0	0.0	0.0	0.0	0.07	0.56	0.02	0.0	0.0	0.0	0.0	0.05
27	0.0	0.0	0.0	0.08	0.0	0.0	0.03	0.26	0.0	0.0	0.12	0.0
28	0.0	0.0	0.0	0.0	0.01	0.0	0.65	0.61	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.05	0.04	0.19	0.10	0.17	0.18	0.0	0.0	0.14
30	0.0	0.0	0.24	0.30	0.22	0.0	0.30	0.01	0.0	0.0	0.0	0.20
31	0.0	0.0	0.0	0.0	0.95	0.0	0.03	0.0	0.0	0.0	0.0	0.61
TOTAL	5.58	3.77	7.15	8.28	4.26	3.38	8.13	5.58	1.21	2.54	1.88	3.35
STA AV	3.75	4.93	6.25	3.56	4.35	4.78	6.21	6.06	1.95	1.38	2.02	4.28

NOTES: Values are weighted using Reciprocal Distance Squared Method from 12 recording gages. STA AV are based on 8 yr (1968-75) record period.



1968 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED R												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.241	1.655	2.072	0.842	0.015	0.0	0.0	0.844	0.0	0.0	0.0	0.0
2	6.709	2.023	1.542	0.731	0.0	0.0	0.0	0.737	0.0	0.0	0.0	0.0
3	7.319	3.487	1.366	0.601	0.0	0.0	0.0	0.141	0.0	0.0	0.0	0.0
4	4.853	2.790	1.317	0.545	0.0	0.0	0.0	0.008	0.0	0.0	0.0	0.0
5	3.230	2.267	1.225	0.614	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	2.352	2.130	1.188	2.245	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	2.269	1.835	1.076	2.054	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	2.155	1.563	1.187	1.504	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	1.963	1.505	1.017	1.583	0.0	0.0	0.0	0.024	0.0	0.0	0.0	0.0
10	5.113	1.450	1.746	1.102	0.0	0.0	0.0	0.024	0.0	0.0	0.0	0.0
11	9.392	1.363	6.684	0.770	0.0	0.0	0.0	0.017	0.0	0.0	0.0	0.0
12	8.450	1.332	14.025	0.502	0.0	0.0	0.0	0.005	0.0	0.0	0.0	0.0
13	5.670	1.272	6.316	0.296	0.0	0.0	0.0	0.024	0.0	0.0	0.0	0.0
14	4.423	1.279	4.440	0.169	0.0	0.0	0.0	0.013	0.0	0.0	0.0	0.0
15	4.026	1.430	2.573	0.125	0.0	0.0	0.0	0.006	0.0	0.0	0.0	0.0
16	3.742	1.781	2.065	0.064	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	3.222	1.600	2.356	0.034	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	2.871	1.576	2.113	0.007	0.0	0.0	0.0	0.040	0.0	0.0	0.0	0.0
19	2.811	2.298	1.956	0.0 T	0.0	0.0	0.0	0.020	0.0	0.0	0.0	0.0
20	2.618	1.677	1.975	0.0	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0
21	2.406	1.663	1.653	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	2.503	1.454	1.644	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	2.104	1.793	1.754	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	2.326	2.980	1.635	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	2.724	2.319	1.591	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	3.306	1.624	1.489	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	2.358	1.457	1.333	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	2.245	1.358	1.238	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	2.016	2.134	1.136	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	1.823		1.172	0.0	0.0	0.0	0.001	0.0	0.0	0.0	0.0	0.0
31	1.592		1.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.125
MEAN	3.5750	1.8515	2.4478	0.4596	0.0005	0.0	0.0	0.0615	0.0	0.0	0.0	0.0040
INCHES	0.641	0.311	0.439	0.080	0.000	0.0	0.000	0.011	0.0	0.0	0.0	0.001
STA AV	0.641	0.311	0.439	0.080	0.000	0.0	0.000	0.011	0.0	0.0	0.0	0.001

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 1 yr (1966) record period.

1969 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED R												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.03	0.20	3.12	7.07	0.02	14.50	0.0	1.65	0.03	2.65	0.0	0.0
2	0.02	0.23	2.86	6.85	0.0 1	3.69	0.0	34.10E	0.08	3.46	0.0	0.0
3	0.02	0.42	2.80	6.65	0.0	5.24	0.0	160.82E	0.06	3.26	0.0	0.0
4	0.01	0.32	2.84	5.80	0.0	2.11	0.0	46.53	0.02	2.34	0.0	0.0
5	0.01	0.20	2.56	5.83	0.0	1.24	0.0	34.84	0.0	1.59	0.0	0.0
6	0.01	0.28	8.30	12.78	0.0	1.70	0.0	18.83	0.0	1.18	0.0	0.0
7	0.01	0.41	22.70	12.78	0.0	1.33	0.0	9.75	0.0	0.90	0.0	0.0
8	0.01	0.41	17.96	7.58	0.0	0.75	0.0	5.53	0.06	0.80	0.0	0.0
9	0.01	0.94	10.92	5.29	0.0	0.35	0.02	8.49	1.49	0.84	0.0	0.0
10	0.02	0.57	7.27	4.62	0.0	0.41	1.07	10.95	0.75	0.65	0.0	1.64
11	0.01	0.44	5.69	4.46	0.0	17.29	0.94	6.56	0.33	0.56	0.0	1.99
12	0.02	0.37	7.76	4.15	0.0	18.48	0.76	4.44	0.09	0.41	0.0	1.21
13	0.05	0.27	6.75	3.22	0.0	5.44	0.40	3.40	0.01	0.26	0.0	1.18
14	0.07	0.56	4.86	2.36	0.0	2.70	0.19	3.45	0.0	0.18	0.0	0.93
15	0.10	9.44	4.10	2.91	0.0	1.53	0.11	3.43	0.0	0.11	0.0	0.70
16	0.10	6.34	8.90	3.56	0.34	0.69	0.00	2.85	0.0	0.08	0.0	0.54
17	0.14	4.30	9.19	3.02	13.14	0.40	0.0	2.71	0.0	0.05	0.0	0.42
18	0.24	3.71	66.96	4.04	12.31	0.15	0.0	1.54	0.0	0.01	0.0	0.37
19	0.29	3.48	46.49	5.23	20.44	0.03	0.0	0.77	0.0	0.0	0.0	0.34
20	0.34	3.25	20.84	3.46	14.19	0.0	0.0	0.43	0.0	0.0	0.0	0.27
21	0.36	3.02	14.69	2.24	6.97	0.0	0.0	0.18	19.61	0.07	0.0	1.36
22	0.33	3.71	12.64	1.58	5.12	0.0	0.0	0.29	46.15	0.05	0.0	5.87
23	0.36	5.11	10.49	1.02	3.00	0.0	0.0	6.37	19.86	0.00	0.0	5.40
24	0.36	4.93	31.41	0.63	1.68	0.0	0.51	10.00	10.94	0.0	0.0	4.66
25	0.36	4.35	30.17	0.38	0.85	0.0	0.30	5.23	7.48	0.0	0.0	4.26
26	0.29	3.57	16.26	0.25	9.79	0.0	0.06	2.50	5.71	0.0	0.0	8.35
27	0.31	3.13	12.00	0.25	73.00	0.0	0.00	1.35	4.52	0.0	0.0	7.53
28	0.27	2.85	9.96	0.15	29.45	0.0	1.11	0.56	3.70	0.0	0.0	4.86
29	0.19		9.23	0.11	15.67	0.0	0.51	0.15	3.14	0.0	0.0	3.24
30	0.20		8.45	0.05	9.07	0.0	0.15	0.04	2.60	0.0	0.0	2.66
31	0.20		7.73		13.60		1.31	0.03		0.0		2.55
MEAN	0.151	2.385	13.740	3.945	7.374	2.618	0.240	12.507	4.223	0.629	0.0	1.945
INCHES	0.027	0.386	2.464	0.684	1.322	0.454	0.043	2.243	0.733	0.113	0.0	0.349
STA AV	0.334	0.348	1.451	0.382	0.661	0.227	0.022	1.127	0.366	0.056	0.0	0.175

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 2 yr (1966-69) record period.

1970 MEAN DAILY DISCHARGE (cfs) TIPTON, GEORGIA LITTLE RIVER WATERSHED R												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	4.43	6.33	5.02	66.22	1.57	26.70	2.81	2.33	10.47	0.52	2.86	0.42
2	4.38	15.85	4.57	34.15	0.57	21.60	1.81	2.27	15.06	0.13	1.41	0.35
3	3.58	24.41	4.46	29.92	1.58	17.76	1.35	1.51	11.68	0.08	0.82	0.36
4	2.76	17.75	5.20	21.42	6.21	96.52	11.60	0.83	7.69	0.24	0.55	0.32
5	2.28	11.69	23.32	19.05	8.53	70.01	7.21	0.46	6.43	0.01	0.37	0.26
6	8.97	8.51	20.34	20.02	3.87	21.86	3.18	1.52	5.99	0.0	0.26	0.22
7	14.26	6.99	11.06	16.85	1.53	13.57	1.77	5.12	5.40	0.0	0.18	0.17
8	9.63	6.65	15.86	13.90	0.98	11.04	1.24	13.51	4.43	0.0	0.11	0.13
9	5.91	6.47	26.50	13.02	0.54	9.44	1.04	10.51	5.11	0.0	0.07	0.11
10	4.63	6.16	17.34	12.42	0.30	8.11	1.52	16.29	4.32	0.0	2.34	1.00
11	4.85	5.75	11.90	12.22	0.13	7.23	1.90	32.94	3.95	0.0	5.70	0.65
12	6.63	5.49	14.72	13.57	0.02	5.77	3.02	17.18	6.61	0.0	4.08	0.45
13	6.39	5.25	13.02	14.96	0.0	5.75	0.66	7.70	5.96	0.0	2.61	0.31
14	5.20	4.94	9.79	12.63	0.0	11.40	0.70	6.11	3.56	0.0	2.60	0.32
15	5.08	4.31	7.78	10.07	0.0	8.70	0.15	3.78	3.66	0.0	3.39	0.44
16	5.71	20.47	6.70	8.23	0.0	6.62	0.65	2.73	4.36	0.0	2.43	6.14
17	5.47	27.09	6.44	7.45	0.0	5.14	3.66	2.40	2.65	0.0	1.70	16.66
18	5.21	20.07	7.07	8.15	0.0	3.54	1.32	2.16	1.54	0.0	1.39	12.47
19	4.75	13.31	7.40	7.82	0.0	3.57	0.98	1.59	1.46	0.0	1.23	5.30
20	4.21	9.76	18.57	14.23	0.0	2.43	0.64	1.34	0.55	0.0	1.13	3.15
21	3.76	6.90	44.00	13.34	0.0	1.35	1.03	1.37	0.52	0.0	0.59	2.52E
22	3.41	6.08	88.13	8.70	0.0	16.21	2.65	0.91	2.60	0.0	0.86	2.47E
23	3.55	6.09	40.35	5.66	0.0	19.34	3.45	16.42	0.55	0.0	0.79	2.47E
24	3.88	5.95	21.62	4.15	0.0	8.45	11.27	102.18E	0.22	1.07	0.63	2.47E
25	3.82	8.10	18.16	3.59	0.0	10.89	14.81	112.79E	0.15	12.62	0.53	2.47E
26	3.77	12.14	14.84	3.84	2.61	8.49	33.23	89.04	0.20	10.65	0.52	2.47E
27	3.45	9.40	12.57	4.26	10.20	5.18	66.63	88.14	0.92	4.48	0.52	2.47E
28	3.10	6.72	22.08	4.26	17.28	23.21	16.72	28.36	1.10	2.05	0.52	2.47E
29	3.10		36.05	3.19	156.89	14.57	6.48	16.70	0.60	1.51	0.52	7.54E
30	9.59		52.78E	2.36	73.89	4.88	5.12	13.37	0.53	1.45	0.46	20.19E
31	9.47		206.89E		60.48		2.66	11.02		1.30		21.92
MEAN	5.350	10.309	26.931	13.671	11.289	15.828	6.818	19.900	3.957	1.172	1.385	3.913
INCHES	0.955	1.670	4.829	2.372	2.024	2.747	1.223	3.568	0.687	0.210	0.240	0.702
STA AV	0.542	0.789	2.577	1.045	1.116	1.067	0.422	1.541	0.473	0.108	0.080	0.350

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 3 yr (1968-70) record period.

1971 MEAN DAILY DISCHARGE (cfs) TIPTON, GEORGIA LITTLE RIVER WATERSHED R												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	16.85	11.52	46.71	14.63	40.86	0.10	3.11	13.60E	5.77	0.02	0.23	2.46
2	9.71	8.08	46.19	20.95	14.88	2.35	8.34	3.79E	4.11	0.00	0.20	2.43
3	6.81	8.97	171.13E	27.99	5.67	0.34	20.18	1.92E	3.68	0.0	0.48	30.55
4	6.33	6.95	74.22	17.92	7.16	0.10	9.10	3.09	4.32	0.0	0.24	21.92
5	20.92	13.18	29.35	25.42	5.22	0.07	12.23	32.15	7.49	0.0	0.14	12.54
6	18.74	20.04	23.07	49.80	4.14	0.08	5.84	5.93	3.89	0.01	0.10	10.89
7	11.01	33.28	21.76	24.85	3.51	0.14	3.20	2.60	2.64	0.01	0.10	10.93
8	14.83	72.63	15.02	17.58	6.89	0.71	7.12	1.66	1.99	0.0	0.13	10.11
9	46.99	37.39	16.67	14.66	11.47	0.24	3.31	20.30	1.60	0.23	0.06	8.30
10	26.67	20.27	16.26	12.69	8.14	0.06	1.95E	31.26	1.24	0.75	0.08	7.55
11	16.23	16.03	16.66	11.56	5.07	0.07	22.21E	64.59	0.95	0.18	0.04	7.52
12	13.51	15.19	15.15	10.60	5.65	0.06	8.88E	38.58	0.92	0.12	0.02	10.77
13	12.26	23.12	15.89	9.98	15.51	0.04	4.30E	14.76	0.65	0.07	0.01	9.34
14	11.83	19.56	20.52	8.89	12.49	0.07	3.51E	5.19	0.36	0.13	0.01	7.22
15	11.14	14.74	17.64	8.06	15.88	0.07	4.88E	6.68	0.25	0.27	0.00	5.94
16	10.58	12.88	16.80	7.54	22.64	0.15	8.75	6.59	0.29	0.12	0.00	5.57
17	10.09	11.70	12.86	7.05	11.75	0.13	5.67	6.23	0.33	0.10	0.00	5.16
18	9.22	10.90	12.14	6.34	5.45	0.38	3.33	5.20	0.56	0.14	0.00	5.53
19	8.50	10.40	12.38	5.69	4.20	0.31	1.94	4.74	0.47	0.10	0.00	5.06
20	7.58	19.93	14.67	5.18	2.57	0.07	1.04	3.45	0.29	0.11	0.01	35.05
21	7.32	38.73	11.42	4.93	2.17	0.03	0.93	2.74	0.18	0.33	0.01	66.54
22	7.55	22.10	9.43	4.90	2.19	0.08	0.85	2.82	0.52	0.29	0.01	26.19
23	8.16	19.13	13.08	4.75	1.71	0.02	0.70	2.57	0.44	0.23	0.01	15.75
24	9.47	15.02	13.62	6.56	1.12	0.0	2.03	3.27	0.41	0.76	0.07	12.94
25	9.53	14.43	10.47	5.99	0.71	0.0	0.52	6.75	0.27	0.64	0.08	11.92
26	18.49	11.65	78.16	4.42	0.55	0.0	0.31	20.28	0.50	0.36	0.08	11.16
27	15.96	21.42	36.58	3.50	0.40	0.0	0.51	6.53	0.37	0.20	0.08	9.87
28	9.25	21.73	19.42	3.54	0.31	0.05	0.61	5.05	0.12	0.14	0.18	9.40
29	7.42		28.69	4.66	0.25	0.18	1.17	5.78	0.06	0.17	17.88	5.25
30	8.81		37.84	45.75	0.20	4.16	4.85	25.39	0.03	0.28	7.46	8.85
31	15.47		20.15		0.12		9.77E	10.71		0.38		8.58
MEAN	13.14E	19.674	28.953	13.212	7.202	0.336	5.200	11.970	1.490	0.159	0.524	13.090
INCHES	2.356	3.186	5.192	2.293	1.291	0.058	0.932	2.146	0.258	0.036	0.160	2.347
STA AV	0.596	1.388	3.231	1.357	1.160	0.815	0.550	1.992	0.419	0.090	0.100	0.850

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 4 yr (1968-71) record period.

1972 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED K												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	8.65	26.99	14.07	33.41	0.41	0.0	7.86	0.37	0.0	0.0	0.0	0.00
2	10.47	48.61	11.97	19.98	0.23	0.0	6.10	0.02	0.0	0.0	0.0	0.00E
3	14.61	63.24	18.76	14.35	0.12	0.0	4.55	0.0	0.0	0.0	0.0	0.0 T
4	11.59	53.89	15.05	12.84	0.07	0.0	3.02	0.0	0.0	0.0	0.0	0.0
5	15.21	25.62	15.13	12.46	0.03	0.0	5.90	0.0	0.0	0.0	0.0	0.0
6	19.61	20.72	12.48	11.24	0.01	0.0	32.50	0.0	0.0	0.0	0.0	0.0
7	12.49	46.76	9.61	9.67	0.00	0.0	15.84	0.0	0.0	0.0	0.0	0.0
8	8.81	36.10	10.65	10.61	1.66	0.0	5.80	0.0	0.0	0.0	0.0	0.0
9	7.86	23.10	11.88	11.53	5.53	0.0	3.45	0.0	0.0	0.0	0.0	0.0
10	14.79	16.74	9.48	7.18	2.39	0.0	2.42	0.0	0.0	0.0	0.0	0.0
11	37.59	17.38	7.75	6.52	0.52	0.0	1.72	0.0	0.0	0.0	0.0	0.0
12	48.51	17.52	7.15	6.75	0.50	0.0	0.50	0.0	0.0	0.0	0.0	0.0
13	43.05	30.99	6.85	6.85	0.92	0.0	0.50	0.0	0.0	0.0	0.00	0.0
14	51.54	23.90	6.80	6.11	2.67	0.0	0.10	0.0	0.0	0.0	0.00	0.0
15	30.69	20.23	8.06	4.90	2.58	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	19.86	25.83	12.98	5.44	1.38	0.0	4.53	0.0	0.0	0.0	0.0	0.0
17	14.86	36.90	24.34	4.67	0.56	0.0	6.51	0.0	0.0	0.0	0.0	0.0
18	13.87	24.54	15.11	3.50	0.19	0.0	0.56	0.0	0.0	0.0	0.0	0.0
19	12.34	22.22	10.05	2.48	0.05	1.83	0.03	0.0	0.0	0.0	0.0	0.0
20	10.99	14.60	8.18	1.50	0.02	18.70	0.0	0.0	0.0	0.0	0.0	0.0
21	10.58	12.93	9.77	1.44	0.03	24.24	0.0	0.0	0.0	0.0	0.0	0.02
22	14.94	13.80	6.61	2.32	0.01	9.32	0.0	0.0	0.0	0.0	0.0	0.01
23	21.61	12.98	5.73	5.47	0.00	2.78	0.0	0.0	0.0	0.0	0.0	0.0 T
24	16.43	12.38	5.05	4.48	0.00	0.59	0.0	0.0	0.0	0.0	0.0	0.0
25	19.02	12.19	5.13	2.76	0.0 T	28.50	0.0	0.0	0.0	0.0	0.00	0.0
26	14.09	13.58	6.36	1.70	0.0	70.93	0.0	0.0	0.0	0.0	0.00	0.0
27	11.13	19.39	5.53	1.12	0.0	40.58	0.0	0.0	0.0	0.0	0.00	0.0
28	8.81	18.72	9.18	3.10	0.00	42.64	0.0	0.0	0.0	0.0	0.00	0.0
29	9.40	13.29	14.11	3.84	0.02	19.64	0.0	0.0	0.0	0.0	0.00	0.0
30	13.10		33.57	0.74	0.00	10.66	0.05	0.0	0.0	0.0	0.01	0.0
31	15.64		109.91		0.0		0.54	0.0		0.0		0.05
MEAN	18.144	25.002	14.429	7.314	0.655	9.026	3.463	0.012	0.0	0.0	0.001	0.003
INCHES	3.253	4.194	2.587	1.269	0.118	1.566	0.621	0.002	0.0	0.0	0.000	0.000
STA AV	1.446	1.949	3.102	1.340	0.951	0.565	0.564	1.594	0.336	0.072	0.080	0.680

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 5 yr (1968-72) record period.

1973 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED K												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.49	13.38	10.31	133.12	10.25	3.70	5.50	6.51	4.60	0.0	0.0	0.0
2	2.36	97.28	9.48	41.32	9.47	4.99	2.71	8.67	1.71	0.0	0.0	0.0
3	3.11	49.39	11.49	50.05	5.58	2.68	8.88	8.12	0.92	0.0	0.0	0.0
4	3.01	23.97	15.59	61.81	12.72	1.40	1.55	16.48	2.65	0.0	0.0	0.0
5	3.08	17.87	9.46	29.23	17.64	0.84	1.39	40.05	0.93	0.0	0.0	0.0
6	3.02	16.64	11.02	20.45	8.10	0.69	2.96	14.31	0.34	0.0	0.0	0.0
7	3.14	13.80	9.12	68.98	5.40	2.49	1.51	8.87	0.15	0.0	0.0	0.0
8	9.35	18.04	9.17	92.77	12.31	12.70	6.26	24.17	0.06	0.0	0.0	0.0
9	14.78	78.85	11.52	32.05	30.13	19.61	85.41	10.15	0.02	0.0	0.0	0.0
10	11.76	116.56	20.83	21.24	23.29	17.61	29.77	6.72	0.01	0.0	0.0	0.0
11	9.86	48.37	8.87	17.43	8.17	8.05	9.67	3.51	0.07	0.0	0.0	0.0
12	11.45	33.59	10.35	15.94	4.87	12.43	3.80	1.95	0.07	0.0	0.0	0.0
13	8.83	27.28	11.81	15.02	6.17	10.74	9.77	1.57	0.02	0.0	0.0	0.0
14	7.49	34.99	9.10	14.79	3.13	14.84	27.86	1.28	0.05	0.0	0.0	0.0
15	7.02	77.11	9.07	12.18	2.56	5.95	24.08	1.86	0.01	0.0	0.0	0.0
16	6.67	33.49	10.77	9.68	1.81	5.51	11.22	4.54	0.0 T	0.0	0.0	0.0
17	6.34	22.54	25.24	9.89	1.35	5.40	9.13	14.80	0.0	0.0	0.0	0.0
18	6.15	19.51	18.48	10.09	1.03	7.74	6.80	8.30	0.0	0.0	0.0	0.0
19	13.06	18.01	10.79	10.09	1.60	9.03	14.64	4.08	0.0	0.0	0.0	0.0
20	15.77	16.08	8.07	11.59	4.09	4.85	5.67	2.24	0.0	0.0	0.0	0.0
21	10.47	14.64	9.67	12.27	1.71	3.65	3.13	4.65	0.0	0.0	0.0	0.0
22	18.90	14.55	8.30	8.51	1.24	2.59	2.00	1.81	0.0	0.0	0.0	0.0
23	20.77	13.83	6.83	5.76	0.58	22.80	1.36	0.74	0.0	0.0	0.0	0.0
24	14.22	12.92	5.83	7.78	0.68	18.07	0.87	0.35	0.0	0.0	0.0	0.0
25	9.58	12.00	19.31	16.59	0.53	5.44	4.24	0.16	0.0	0.0	0.0	0.0
26	10.43	11.72	28.77	125.13E	3.81	3.93	6.76	0.15	0.0	0.0	0.0	0.0
27	16.38	11.60	17.80	104.37	18.99	1.86	6.33	0.15	0.0	0.0	0.0	0.0
28	19.30	10.87	9.53	31.25	10.29	3.59	12.69	1.54	0.0	0.0	0.0	0.0
29	20.66		14.36	18.97	8.67	44.20	7.42	0.62E	0.0	0.0	0.0	0.0
30	14.66		21.08	12.82	19.12	20.58	2.74	0.39E	0.0	0.0	0.0	0.0
31	11.55		79.51		5.58		1.32	1.72E		0.0		0.0
MEAN	10.11E	31.386	14.886	34.034	8.041	9.277	10.23E	6.465	0.388	0.0	0.0	0.0
INCHES	1.814	5.083	2.669	5.906	1.442	1.610	1.836	1.159	0.067	0.0	0.0	0.0
STA AV	1.505	2.472	3.030	2.101	1.033	1.073	0.776	1.522	0.291	0.060	0.067	0.566

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 6 yr (1968-73) record period.



1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED K												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.07	6.23	11.60	12.24	3.06	0.0	0.0	10.79	2.46	0.81	0.00	1.56
2	0.30	5.56	13.90	20.76	1.04	0.02	0.23	20.45	1.57	0.52	0.0	0.92
3	0.50	8.78	12.32	27.81	0.51	5.11	0.35	3.17	3.88	1.86	0.0	0.61
4	0.39	10.31	5.58	20.76	0.51	4.25	5.66	2.53	0.93	0.84	0.0	0.46
5	0.39	10.52	5.26	98.22	0.56	1.78	3.03	3.35	1.19	0.21	0.0	0.36
6	0.40	9.05	7.47	33.94	0.41	3.80	1.44	35.75	48.01	0.16	0.0	0.34
7	0.37	136.79	7.86	16.66	0.24	11.40	3.02	36.00	30.89	0.09	0.0	0.58
8	0.29	88.38	7.36	16.54	0.04	3.64	0.52	18.34	22.90	0.03	0.0	1.14
9	0.24	34.21	10.24	22.68	0.01	0.95	0.18	6.23	14.99	0.01	0.0	0.77
10	0.24	20.90	7.86	17.47	0.0	0.36	0.02	4.52	14.03	0.00	0.0	0.55
11	1.48	17.39	6.73	11.86	0.27	0.32	0.0	3.30	13.63	0.0 T	0.0	0.46
12	4.91	15.74	6.05	9.85	14.41	0.31	0.0	2.45	11.42	0.0	0.0	0.48
13	4.67	14.01	5.69	10.77	8.10	0.65	0.0	2.08	4.38	0.0	0.0	0.51
14	3.50	13.07	4.83	10.63	5.31	2.47	0.0	3.08	3.45	0.0	0.0	0.42
15	2.76	14.35	3.95	11.98	1.13	49.42	0.0	4.96	2.94	0.0	0.0	1.12
16	2.35	105.57	5.51	17.74	1.26	14.24	0.0	11.05	2.48	1.52	0.0	2.02
17	2.16	61.57	5.31	10.37	1.83	3.68	0.0	3.53	3.55	1.15	0.0	1.17
18	2.15	24.63	4.23	7.35	1.01	1.48	0.0	4.64	4.59	0.44	0.0	0.80
19	5.61	49.06	4.27	5.91	0.44	0.51	0.0	2.11	2.80	0.20	0.0	0.63
20	3.10	54.62	11.39	4.55	0.15	0.15	0.0	1.33	2.08	0.08	0.81	5.07
21	4.16	25.68	22.62	3.82	0.02	0.13	0.0	14.13	1.60	0.05	1.48	11.18
22	7.95	21.06	21.95	3.56	0.00	6.16	0.0	9.19	1.38	0.02	0.64	4.24
23	3.33	21.97	10.44	4.26	0.35	3.93	0.0	2.65	1.09	0.01	0.35	2.69
24	5.14	17.12	5.77	3.71	18.69	1.30	0.0	1.45	0.78	0.00	0.25	1.98
25	3.00	13.77	12.07	2.74	10.48	0.49	0.07	0.93	0.77	0.0	0.20	1.62
26	2.08	14.46	14.54	2.01	1.44	0.93	0.44	0.64	1.53	0.0	0.24	1.34
27	1.77	12.76	20.38	1.61	2.34	0.19	2.60	0.42	4.54	0.0	0.49	1.12
28	1.93	13.00	24.90	1.20	1.63	0.02	0.57	0.24	3.54	0.0	0.25	1.35
29	2.64	85.58	0.85	0.26	0.0	0.26	0.0	0.12	2.28	0.0	0.16	1.39
30	11.34	48.49	1.23	0.05	0.0	0.32	0.0	2.77	1.35	0.13	0.65	1.26
31	11.23	18.64	0.00	0.00	0.00	2.85	6.20	0.0	0.04	0.0	0.0	1.17
MEAN	2.918	30.031	14.218	13.769	2.436	3.504	0.705	7.121	7.035	0.276	0.184	1.591
INCHES	0.525	4.864	2.549	2.389	0.437	0.677	0.127	1.277	1.221	0.049	0.032	0.285
STA AV	1.368	2.813	2.961	2.142	0.948	1.016	0.683	1.487	0.424	0.058	0.062	0.526

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 7 yr (1966-74) record period.

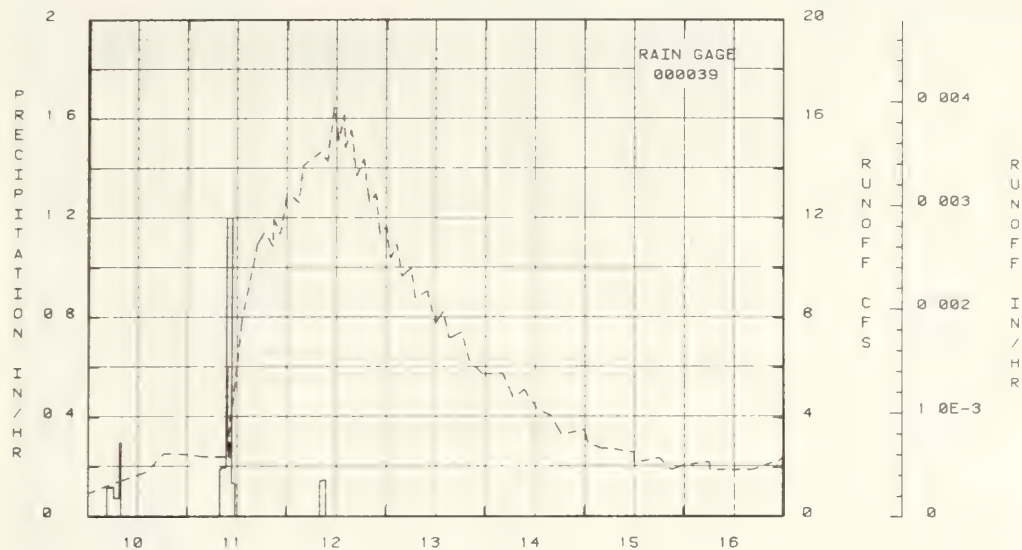
1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED K												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.06	10.76	9.30	20.51	15.64	14.38	0.15	14.52	1.15	0.0	0.0	0.19
2	0.92	9.28	12.52	20.50	11.19	10.59	0.01	136.76	0.49	0.00	0.0	0.45
3	0.82	14.80	10.66	17.29	8.82	5.14	0.0	28.36	0.19	0.0	0.0	0.29
4	1.67	20.26	8.63	12.75	7.62	2.56	0.0	10.31	0.05	0.0	0.0	0.19
5	1.93	12.88	8.60	9.96	5.85	1.19	0.0	12.18	0.01	0.0	0.0	0.12
6	1.62	11.04	7.85	9.86	5.15	0.51	0.0	6.29	0.0	0.0	0.0	0.09
7	1.36	12.09	8.48	7.17	5.78	0.75	0.0	9.26	0.0	0.03	0.0	0.09
8	6.25	7.74	8.48	6.37	9.50	2.17	0.0	16.98	0.0	0.48	0.0	0.13
9	9.86	6.60	7.64	8.36	8.31	0.74	0.0	37.15	0.0	0.37	0.0	0.46
10	4.59	7.06	6.24	89.17	6.12	1.51	0.0	13.74	0.0	0.16	0.0	0.62
11	7.71	7.42	5.47	79.58	5.11	1.59	3.13	8.01	0.0	0.05	0.0	0.36
12	24.96	8.34	7.88	32.83	5.06	5.82	17.38	6.16	0.0	0.00	0.0	0.24
13	35.32	8.98	6.42	19.07	4.42	12.12	6.25	4.78	0.18	0.0	0.56	0.18
14	27.02	7.06	8.54	155.342	4.24	5.12	12.06	4.77	0.08	0.0	0.51	0.23
15	11.70	8.86	7.81	165.542	12.23	3.30	23.80	8.45	0.0	0.0	0.25	0.24
16	7.50	7.25	97.36	46.38	27.83	2.11	17.34	2.06	0.0	0.0	0.14	0.18
17	6.87	17.46	63.59	26.78	43.40	0.87	14.72	1.46	0.0	0.58	0.09	0.78
18	6.53	25.60	64.20	20.12	27.00	0.37	24.68	1.18	0.0	1.73	0.05	1.65
19	7.73	23.60	112.51	21.17	10.93	1.72	10.45	3.43	0.0	1.67	0.03	0.72
20	15.77	26.40	36.94	22.76	5.57	0.73	6.27	10.76	0.0	0.47	0.01	0.51
21	21.29	15.45	23.55	18.05	4.21	0.20	13.72	2.96	0.0	0.19	0.02	0.42
22	13.05	18.38	19.56	15.20	3.55	0.03	28.04	1.90	0.0	0.08	0.00	0.35
23	16.78	25.41	18.83	12.74	2.63	0.00	20.48	1.41	0.0	0.03	0.00	0.29
24	23.32	21.68	20.35	11.49	1.85	0.0	6.53	0.76	0.0	0.01	0.00	0.25
25	23.92	17.31	32.80	10.98	1.39	0.0	2.72	0.37	0.57	0.00	0.0	0.44
26	19.97	11.64	23.77	10.14	0.56	1.24	2.01	0.17	0.32	0.0 T	0.0	4.19
27	13.64	9.60	16.14	10.11	0.89	3.25	1.89	0.04	0.06	0.0	0.00	2.69
28	12.99	9.34	13.62	10.81	0.80	3.25	4.51	3.37	0.00	0.0	0.00	1.66
29	10.69		12.04	11.32	0.60	2.60	10.86	5.37	0.0	0.0	0.02	1.30
30	9.47		13.62	9.53	1.91	0.70	8.35	10.06	0.0	0.0	0.01	1.77
31	8.40		17.57		4.00		8.78	5.10		0.0		5.45
MEAN	11.441	13.653	23.590	30.354	8.159	2.831	7.874	11.872	0.103	0.189	0.056	0.856
INCHES	2.052	2.211	4.230	5.274	1.463	0.491	1.412	2.129	0.018	0.034	0.010	0.153
STA AV	1.453	2.738	3.120	2.533	1.012	0.550	0.774	1.567	0.373	0.055	0.055	0.480

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.0057478. STA AV based on 8 yr (1968-75) record period.



1968 SELECTED RUNCPP EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED R						
ANTECEDENT CONDITIONS			RAINFALL			RUNCPP			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
									Acc.
									(inches)
EVENT CP MARCH 9 - 16, 1968									
RG 000039			EG 000039						
3-10	0.0		3-10	435	0.0	0.0	3- 9	2400	0.965
3- 9		0.006		530	0.1176	0.10	3-10	815	1.454
				620	0.1200	0.20		1400	1.814
				740	0.0750	0.30		1820	2.547
				800	0.3000	0.40		2400	2.494
WATERSHED CONDITIONS:									
Water, 0.1%; crops, 29.8%;			3-11	754	0.0	0.40	3-11	500	2.350
wetland, 0.1%; pasture,				825	0.1535	0.50		920	2.390
12.6%; roads, 0.7%;				855	0.2000	0.60		1125	5.055
forest, 55.8%.				925	0.2000	0.70		1315	6.039
				930	1.2000	0.60		1650	10.958
				940	0.6000	0.50		1830	11.453
				1000	0.3000	1.00		2035	10.854
				1025	0.2400	1.10		2045	11.961
				1045	0.3000	1.20		2220	11.344
				1050	1.2000	1.30		2400	13.014
			3-12	1135	0.1333	1.40	3-12	250	12.624
				814	0.0	1.40		345	14.118
				855	0.1463	1.50		800	14.650
				935	0.1500	1.60		945	14.265
								1115	16.482
								1225	15.129
								1340	16.175
								1400	14.837
								1525	15.571
								1645	13.705
								1830	14.402
								1950	12.624
								2125	13.014
								2230	11.344
								2400	11.706
							3-13	100	10.376
								235	10.958
								345	9.683
								605	10.005
								705	8.801
								1000	9.101
								1155	7.765
								1355	8.246
								1515	7.179
								1820	7.438
								2020	6.261
								2325	5.744
								2400	5.744
							3-14	420	5.751
								650	4.766
								930	5.153
								1230	4.345
								1600	4.064
								1825	3.326
								2400	3.534
							3-15	100	2.971
								355	2.747
								735	2.707
								1205	2.601
								1210	2.152
								1805	2.350
								2100	1.912
								2400	2.091
							3-16	620	2.230
								625	1.904

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023949.



EVENT CP MARCH 9 - 16, 1968  
TIPTON, GEORGIA LITTLE RIVER WATERSHED R

1969 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED R						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF SEPTEMBER 20 - 27, 1969									
BG 000039			BG 000039						
9-20	0.25		9-20	2400	0.0	0.0	9-21	440	0.0
9-21		0.0	9-21	135	0.0316	0.05		715	0.661
				155	0.2000	0.15		850	2.656
				230	0.1714	0.25		935	4.458
				305	0.1714	0.35		1105	13.040
				320	0.4000	0.45		1235	22.769
				335	0.4000	0.55		1325	25.882
				350	0.4000	0.65		1430	30.596
				410	0.3000	0.75		1600	34.246
				455	0.1333	0.65		1650	36.549
				510	0.4000	0.95		1815	38.133
				535	0.2400	1.05		1825	38.940
				600	0.2400	1.15		1940	39.755
				640	0.1500	1.25		2035	41.417
				710	0.2000	1.35		2150	42.262
				720	0.3000	1.45		2310	44.857
				745	0.4000	1.55		2400	47.542
				750	1.2001	1.65	9-22	50	51.262
				805	0.4000	1.75		115	52.217
				835	0.2000	1.65		130	54.155
				855	0.3000	1.95		220	57.147
				915	0.3000	2.05		315	59.169
				930	0.4000	2.15		325	60.227
				950	0.3000	2.25		555	60.227
				1005	0.4000	2.35		600	55.169
				1010	1.1599	2.45		710	56.163
				1020	0.6000	2.55		740	56.139
				1045	0.2400	2.65		825	55.144
				1055	0.5999	2.75		900	53.182
				1110	0.4000	2.85		950	51.262

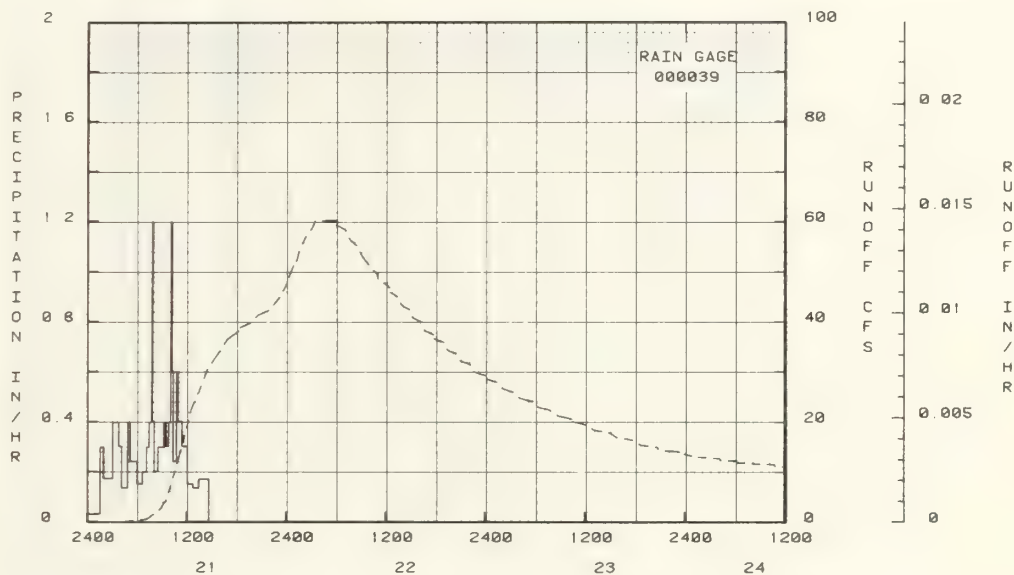
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.0002549.

1969	SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED R							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF SEPTEMBER 20 - 27, 1969 (CONTINUED)											
9-21			1125		0.4000	2.95	9-22	1055	49.382	0.1508	
			1145		0.3000	3.05		1100	48.456	0.1518	
			1205		0.3000	3.15		1145	47.542	0.1604	
			1245		0.1500	3.25		1225	46.637	0.1660	
			1330		0.1333	3.35		1230	45.742	0.1669	
			1405		0.1714	3.45		1320	44.857	0.1759	
			1440		0.1714	3.55		1355	43.117	0.1768	
								1450	42.262	0.1862	
								1520	40.581	0.1870	
						1620	39.755	0.1966			
							</				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023949.

1969 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED N						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)
EVENT OF SEPTEMBER 20 - 27, 1969 (CONTINUED)									
							9-27	1950	4.228
								1955	4.005
								2400	4.005
									0.4877
									0.4877
									0.4917

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023949.



EVENT OF SEPTEMBER 20 - 27, 1969  
TIPTON, GEORGIA LITTLE RIVER WATERSHED N

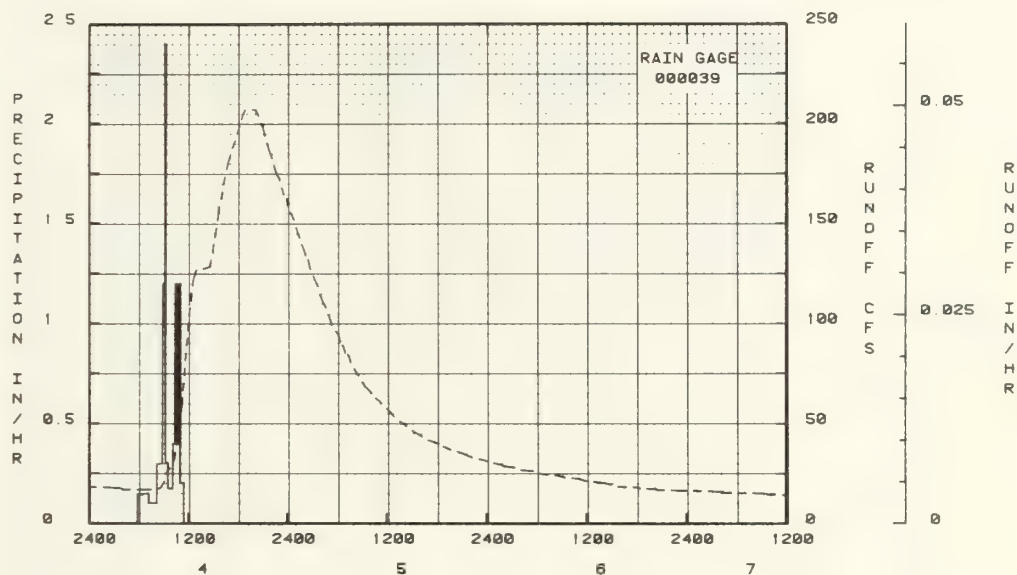


1970 SELECTED BUNCFP EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED K							
ANTECEDENT CONDITIONS			FAINFALL			BUNCFP				
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP JUNE 3 - 7, 1970										
EG 000039			EG 000039							
6- 4	0.0		6- 4	554	0.0	0.0	6- 3	2400	18.304	0.0
6- 3		0.102		635	0.1464	0.10	6- 4	235	17.763	0.0112
				715	0.1500	0.20		400	17.271	0.0163
				815	0.1000	0.30		405	16.767	0.0167
				835	0.3000	0.40		735	16.767	0.0307
WATERSHED CONDITIONS:				855	0.3000	0.50		840	17.783	0.0346
Water, 1.0%; crops, 29.8%;				910	1.2000	0.80		910	21.041	0.0365
wetland, 0.1%; pasture,				915	2.4000	1.00		935	27.183	0.0384
12.6%; roads, 0.7%;				935	0.3000	1.10		950	27.847	0.0401
forest, 55.8%.				1010	0.1714	1.20		1020	32.028	0.0436
				1025	0.4000	1.30		1050	44.857	0.0445
				1040	1.2000	1.60		1115	59.189	0.0457
				1055	0.4000	1.70		1205	104.106	0.0620
				1100	1.1999	1.80		1235	121.310	0.0667
				1130	0.2000	1.50		1255	126.524	0.0766
								1435	128.267	0.1275
								1515	144.122	0.1492
								1545	158.457	0.1554
								1645	180.436	0.1960
								1720	187.890	0.1997
								1835	204.906	0.2079
								1850	206.815	0.2161
								2005	206.819	0.2780
								2100	157.303	0.2859
								2135	187.890	0.2937
								2205	162.253	0.3010
								2225	176.732	0.3153
								2300	171.208	0.3256
								2330	163.857	0.3285
								2350	162.081	0.3415
								2400	158.457	0.3483
							6- 5	45	151.259	0.3574
								125	142.344	0.3660
								210	133.520	0.3687
								225	131.767	0.3767
								245	126.524	0.3870
								340	117.848	0.3941
								400	112.677	0.4033
								435	107.528	0.4058
								520	56.988	0.4158
								605	53.883	0.4215
								620	50.463	0.4270
								640	88.766	0.4342
								655	85.387	0.4394
								720	83.669	0.4478
								735	80.286	0.4527
								835	73.462	0.4557
								925	67.779	0.4598
								1040	62.333	0.4623
								1200	57.147	0.4635
								1250	53.182	0.4667
								1340	50.316	0.4677
								1420	48.456	0.4687
								1515	45.742	0.4696
								1615	43.117	0.4705
								1700	41.417	0.4713
								1810	39.755	0.4785
								1850	38.133	0.4793
								1940	36.549	0.4800
								2105	35.004	0.4835
								2215	32.759	0.4849
								2355	31.308	0.4931
								2400	30.598	0.4937
							6- 6	155	29.204	0.5031
								200	28.520	0.5037
								325	27.847	0.5133
								410	26.528	0.5138
								540	25.882	0.5232
								630	24.617	0.5237
								825	23.999	0.5334

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023949.

1970	SELECTED EUNCFP EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED K						
ANTECEDENT CONDITIONS			RAINFALL				EUNCFP			
Date Mo-Day	Fainfall (inches)	Funcff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Fate (cfs)	Acc. (inches)
EVENT OF JUNE 3 - 7, 1970 (CONTINUED)										
							6- 6	925	22.789	0.5339
								1105	22.198	0.5425
								1200	21.041	0.5433
								1320	20.476	0.5459
								1500	19.373	0.5566
								1555	18.304	0.5570
								1820	17.783	0.5674
								1830	17.271	0.5681
								2025	17.271	0.5760
								2030	16.767	0.5764
								2400	16.272	0.5902
							6- 7	425	15.785	0.6072
								430	15.306	0.6075
								935	14.837	0.6258
								950	14.375	0.6261
								1250	13.922	0.6363
								1410	13.040	0.6366
								1815	12.612	0.6491
								1825	12.153	0.6496
								2400	12.153	0.6659

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023549.



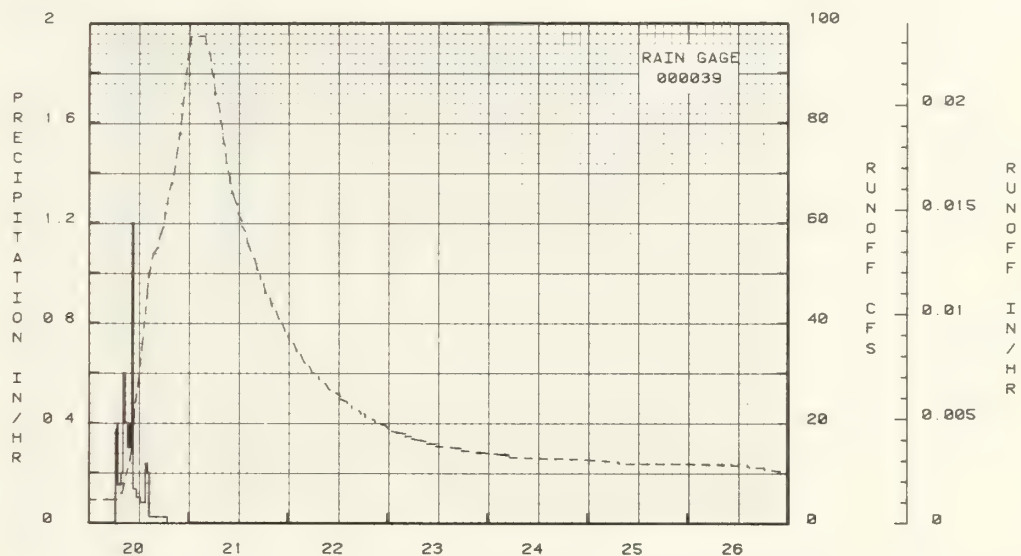
EVENT OF JUNE 3 - 7, 1970  
TIPTON, GEORGIA LITTLE RIVER WATERSHED K

1971 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED K							
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF				
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 19 - 26, 1971										
RG 000039			RG 000035							
12-20	0.0		12-20	639	0.0	0.0	12-19	2400	4.654	0.0
12-19		0.029		655	0.3750	0.10	12-20	655	4.694	0.0078
				710	0.4000	0.20		820	6.552	0.0082
				750	0.1500	0.30		1000	13.040	0.0087
				820	0.2000	0.40		1030	15.306	0.0090
WATERSHED CONDITIONS: Water, 1.0%; crops, 29.8%; wetland, 0.1%; pasture, 12.6%; roads, 0.7%; forest, 55.8%.				830	0.6000	0.50		1105	22.789	0.0103
				840	0.5599	0.60		1210	29.856	0.0114
				850	0.6000	0.70		1255	35.772	0.0128
				905	0.4000	0.80		1410	47.542	0.0253
				920	0.4000	0.90		1445	51.262	0.0283
				940	0.3000	1.00		1540	54.159	0.0305
				955	0.4000	1.10		1645	55.144	0.0446
				1015	0.3000	1.20		1700	57.147	0.0480
				1030	0.4000	1.30		1750	55.189	0.0492
				1045	1.2000	1.60		1920	66.670	0.0518
				1130	0.1333	1.70		2025	70.033	0.0601
				1230	0.1000	1.80		2120	75.172	0.0661
				1345	0.0800	1.90		2210	80.287	0.0724
				1410	0.2400	2.00		2230	83.689	0.0757
				1440	0.2000	2.10		2345	93.883	0.0794
				1900	0.0231	2.20		2400	93.883	0.0851
							12-21	30	97.286	0.0889
								355	97.286	0.1685
								400	95.583	0.1704
								450	93.883	0.1893
								515	92.184	0.1949
								520	90.483	0.1967
								555	88.786	0.2092
								620	85.387	0.2109
								700	83.689	0.2244
								725	81.990	0.2293
								730	80.287	0.2310
								800	78.585	0.2405
								805	76.878	0.2420
								840	75.172	0.2526
								900	71.747	0.2541
								950	68.902	0.2555
								955	67.779	0.2568
								1040	65.570	0.2595
								1135	63.401	0.2684
								1200	61.274	0.2696
								1245	60.227	0.2805
								1250	59.189	0.2817
								1335	58.163	0.2923
								1405	56.139	0.2934
								1455	54.159	0.2956
								1605	52.217	0.3050
								1635	50.316	0.3061
								1715	49.382	0.3140
								1720	48.456	0.3150
								1805	47.542	0.3236
								1840	45.742	0.3245
								1935	44.857	0.3345
								2005	43.117	0.3353
								2105	42.262	0.3456
								2145	40.581	0.3464
								2240	39.755	0.3552
								2315	38.133	0.3560
								2400	37.336	0.3628
							12-22	20	36.545	0.3635
								120	35.772	0.3722
								200	34.246	0.3728
								305	33.497	0.3816
								355	32.028	0.3823
								510	31.308	0.3918
								555	29.896	0.3924
								725	29.204	0.4030
								730	28.520	0.4036
								900	27.847	0.4137
								955	26.528	0.4142

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023549.

1971	SELECTED SUNCFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED K						
ANTECEDENT CONDITIONS			RAINFALL				SUNCFF			
Date	Rainfall	Suncff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 19 - 26, 1971 (CONTINUED)										
							12-22	1145	25.862	0.4257
								1240	25.246	0.4303
								1245	24.617	0.4308
								1425	23.959	0.4405
								1520	23.350	0.4447
								1525	22.785	0.4451
								1730	22.198	0.4563
								1740	21.615	0.4572
								1835	21.615	0.4620
								1840	21.041	0.4624
								2055	20.476	0.4736
								2100	19.920	0.4740
								2335	19.373	0.4861
								2400	18.834	0.4873
			12-23	100					18.304	0.4876
								405	17.783	0.5010
								415	17.271	0.5017
								545	17.271	0.5079
								550	16.767	0.5082
								915	16.272	0.5217
								935	15.785	0.5224
								1135	15.785	0.5299
								1140	15.306	0.5302
								1745	14.837	0.5522
								1750	14.375	0.5525
								2400	13.922	0.5734
			12-24	520					13.477	0.5909
				525					13.040	0.5911
				2400					12.612	0.6482
			12-25	735					12.153	0.6707
								740	11.780	0.6710
				2400					11.780	0.7171
			12-26	1445					11.377	0.7580
				1455					10.981	0.7584
				1830					10.961	0.7678
								1835	10.593	0.7681
								2400	10.214	0.7816

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023549.



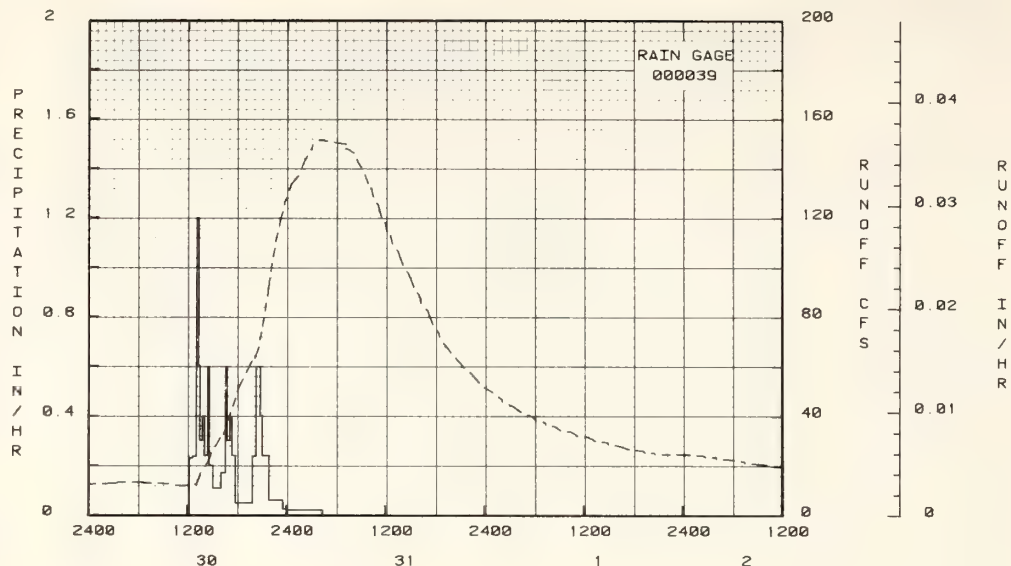
EVENT OF DECEMBER 19 - 26, 1971  
TIPTON, GEORGIA LITTLE RIVER WATERSHED K





1972	SELECTED FURCFF EVENT			TIFTON, GEORGIA LITTLE EIVER WATERSHED R						
ANTECEDENT CCNDITIONS			FAIRFALL				FURCFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 29 - APRIL 5, 1972 (CONTINUED)										
							4- 1	1030	33.457	0.5245
								1115	32.028	0.5255
								1235	31.308	0.5356
								1325	29.856	0.5362
								1455	29.204	0.5469
								1500	28.520	0.5474
								1625	27.847	0.5570
								1730	26.528	0.5575
								1915	25.862	0.5685
								1925	25.246	0.5695
								2035	25.246	0.5766
								2040	24.617	0.5771
								2400	24.617	0.5967
							4- 2	235	23.955	0.6118
								245	23.350	0.6127
								400	23.350	0.6157
								405	22.789	0.6202
								615	22.158	0.6319
								730	21.615	0.6375
								735	21.041	0.6375
								1010	20.476	0.6507
								1015	19.920	0.6511
								1325	19.373	0.6660
								1335	18.834	0.6668
								1500	18.834	0.6732
								1505	18.304	0.6736
								1905	17.783	0.6905
								1915	17.271	0.6916
								2130	17.271	0.7009
								2135	16.767	0.7012
								2400	16.272	0.7108
							4- 3	155	15.785	0.7181
								200	15.306	0.7184
								620	14.837	0.7341
								625	14.375	0.7344
								1930	13.922	0.7787
								1940	13.477	0.7792
								2400	13.477	0.7932
							4- 4	145	13.477	0.7989
								150	13.040	0.7991
								2400	12.612	0.8672
							4- 5	2400	12.153	0.9365

NOTES: To convert runoff in CPS to IN/HR, multiply by 0.00023549.



EVENT OF MARCH 29 - APRIL 5, 1972  
TIFTON, GEORGIA LITTLE RIVER WATERSHED K

1973 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED K						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF		
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Acc. (inches)
EVENT OF FEBRUARY 7 - 13, 1973									
RG 000039			EG 000039						
2- 8	0.0		2- 8	1549	0.0	0.0	2- 7	1635	13.922
2- 7		0.056		1615	0.2308	0.10		1645	13.477
				1640	0.2400	0.20		2120	13.477
				1830	0.0545	0.30		2125	13.040
				1835	2.4000	0.50		2400	13.040
WATERSHED CONDITIONS: Water, 1.0%; crops, 29.8%; wetland, 0.1%; pasture, 12.6%; roads, 0.7%; forest, 55.8%;				1840	1.2000	0.60	2- 8	420	13.040
				1905	0.2400	0.70		650	14.375
				1950	0.1333	0.80		905	16.767
				2010	0.3000	0.50		945	17.271
			2- 9	159	0.0	0.50		1530	17.271
				310	0.0845	1.00		1835	17.783
				420	0.0857	1.10		1900	20.476
				440	0.3000	1.20		2000	21.615
				510	0.2000	1.30		2220	29.204
				615	0.0523	1.40		2315	32.028
				935	0.0300	1.50		2400	32.755
				1010	0.1714	1.60	2- 9	50	32.028
				1040	0.2000	1.70		240	32.028
				1135	0.1091	1.80		400	35.004
				1510	0.0279	1.90		525	43.983
				1635	0.0706	2.00		620	52.217
				1705	0.2000	2.10		715	57.147
				1730	0.2400	2.20		800	60.227
				1800	0.2000	2.30		945	63.401
				1830	0.2000	2.40		1050	67.779
				1850	0.3000	2.50		1145	70.033
				1915	0.2400	2.60		1240	76.878
				2025	0.0857	2.70		1400	83.689
								1425	87.088
								1535	88.766

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023549.

1973			SELECTED FURCFF EVENT			TIFTON, GEORGIA LITTLE FIVES WATERSEED R		
ANTECEDENT CONDITIONS			RAINFALL			FURCFF		
Date	Fairfall	Furcuff	Date	Time	Intensity	Date	Time	Fate
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	Mo-Day	of Day	(cfs)
						Acc.		
						(inches)		
EVENT OF FEBRUARY 7 - 13, 1973 (CONTINUED)								
			2- 9			1545		
						50.483		
						0.1689		
						1620		
						50.483		
						0.1815		
						1715		
						53.883		
						0.1945		
						1810		
						100.654		
						0.1585		
						1840		
						105.818		
						0.2027		
						1905		
						112.677		
						0.2136		
						1945		
						119.576		
						0.2207		
						2030		
						130.017		
						0.2309		
						2105		
						137.040		
						0.2416		
						2215		
						145.900		
						0.2474		
						2315		
						147.681		
						0.2826		
						2400		
						151.255		
						0.3036		
			2-10			30		
						154.852		
						0.3097		
						115		
						156.653		
						0.3377		
						200		
						160.268		
						0.3441		
						205		
						158.457		
						0.3472		
						415		
						156.653		
						0.4250		
						450		
						154.852		
						0.4445		
						455		
						153.052		
						0.4475		
						550		
						151.255		
						0.4809		
						615		
						147.681		
						0.4839		
						700		
						145.900		
						0.5103		
						725		
						142.344		
						0.5131		
						800		
						140.573		
						0.5325		
						845		
						135.260		
						0.5356		
						925		
						130.017		
						0.5408		
						1015		
						124.784		
						0.5458		
						1100		
						121.310		
						0.5605		
						1145		
						116.122		
						0.5651		
						1240		
						110.959		
						0.5656		
						1335		
						107.528		
						0.5847		
						1405		
						104.106		
						0.5868		
						1445		
						102.399		
						0.6033		
						1510		
						58.988		
						0.6053		
						1550		
						57.286		
						0.6210		
						1555		
						55.583		
						0.6229		
						1645		
						53.883		
						0.6418		
						1705		
						50.483		
						0.6436		
						1750		
						68.786		
						0.6597		
						1815		
						65.367		
						0.6614		
						1910		
						63.689		
						0.6800		
						1945		
						61.950		
						0.6882		
						1950		
						60.286		
						0.6898		
						2040		
						78.584		
						0.7056		
						2045		
						76.878		
						0.7072		
						2140		
						75.171		
						0.7239		
						2210		
						71.747		
						0.7253		
						2320		
						68.902		
						0.7281		
						2400		
						66.670		
						0.7375		
			2-11			55		
						64.480		
						0.7388		
						215		
						62.333		
						0.7438		
						220		
						61.274		
						0.7450		
						315		
						60.227		
						0.7583		
						320		
						59.169		
						0.7595		
						425		
						58.163		
						0.7747		
						500		
						56.139		
						0.7759		
						630		
						54.159		
						0.7802		
						745		
						52.217		
						0.7928		
						830		
						50.316		
						0.7938		
						940		
						49.382		
						0.8077		
						945		
						48.456		
						0.8087		
						1100		
						47.542		
						0.8231		
						1140		
						45.742		
						0.8240		
						1320		
						44.857		
						0.8421		
						1415		
						43.117		
						0.8430		
						1635		
						42.262		
						0.8668		
						1700		
						41.417		
						0.8685		
						1820		
						41.417		
						0.8817		
						1825		
						40.581		
						0.8825		
						2150		
						39.755		
						0.9154		
						2200		
						38.940		
						0.9170		
						2325		
						36.940		
						0.9302		
						2400		
						38.133		
						0.9348		
			2-12			255		
						37.336		
						0.9611		
						310		
						36.549		
						0.9619		



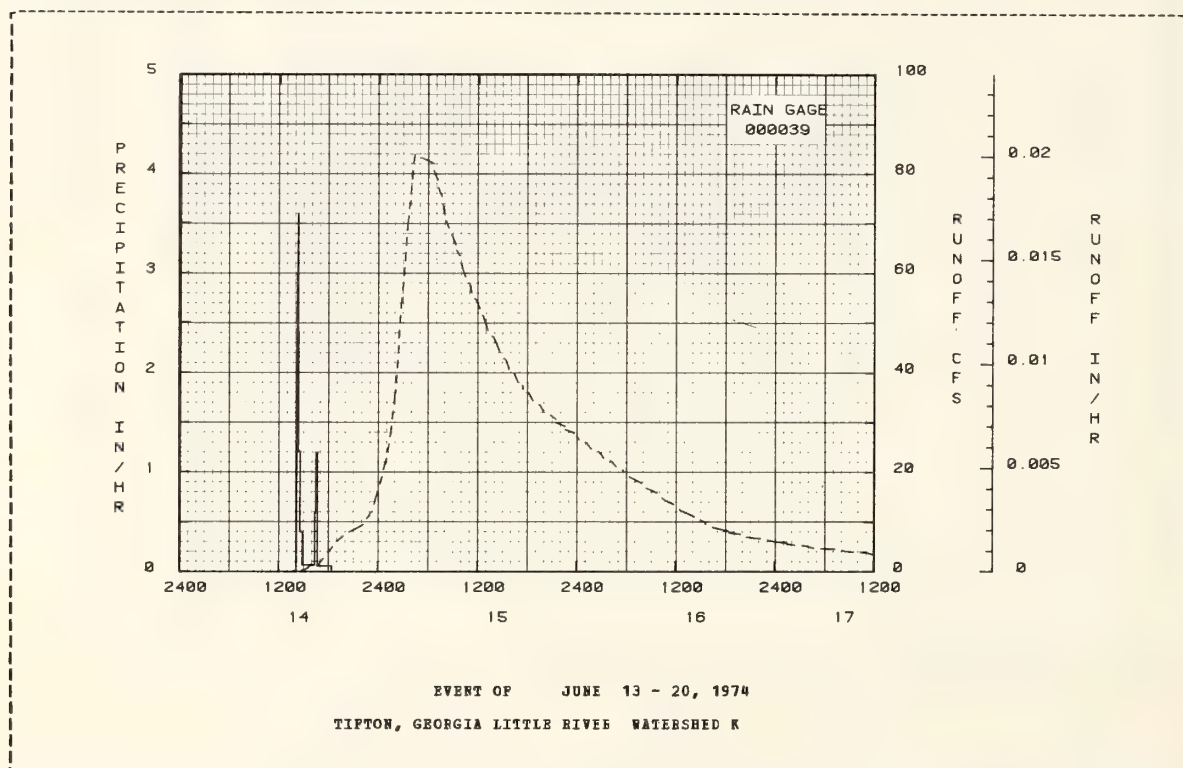


1974 SELECTED RUNCFF EVENT			TITICWA, GEORGIA LITTLE RIVER WATERSHED K							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Rainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 13 - 20, 1974										
RG 000039			RG 000039							
6-14	0.0	0.000	6-14	1408	0.0	0.0	6-14	1305	0.001	0.0
				1410	3.0002	0.10		1510	0.451	0.0000
				1415	3.6000	0.40		1600	1.584	0.0001
				1420	2.4000	0.60		1650	1.584	0.0004
				1425	1.1599	0.70		1905	6.265	0.0007
WATERSHED CONDITIONS:				1435	1.2001	0.50		2035	8.101	0.0011
Water, 1.0%; crops, 29.8%;				1450	0.4000	1.00		2210	9.478	0.0022
wetland, 0.1%; pasture,				1620	0.0667	1.10		2315	12.193	0.0026
12.6%; roads, 6.7%;				1630	0.5599	1.20		2400	16.272	0.0052
forest, 55.8%.				1640	1.2001	1.40	6-15	100	22.785	0.0086
				1625	0.0571	1.50		130	27.847	0.0109
								205	36.545	0.0123
								245	54.155	0.0144
								250	55.144	0.0155
								330	70.033	0.0195
								415	83.669	0.0233
								630	81.950	0.0780
								635	80.286	0.0756
								705	78.584	0.0891
								710	76.878	0.0906
								735	75.171	0.0982
								750	71.747	0.1026
								825	68.902	0.1054
								915	65.570	0.1067
								920	64.480	0.1080
								945	63.401	0.1144
								1000	61.274	0.1181
								1025	59.189	0.1193
								1105	57.147	0.1205
								1110	56.139	0.1216
								1150	54.155	0.1227
								1235	51.262	0.1237
								1310	48.456	0.1247
								1400	46.637	0.1265
								1440	43.983	0.1283
								1525	42.262	0.1334
								1545	40.581	0.1342
								1625	39.755	0.1406
								1650	38.133	0.1414
								1725	37.336	0.1467
								1730	36.545	0.1474
								1810	35.772	0.1532
								1840	34.245	0.1535
								1930	33.457	0.1606
								2000	32.028	0.1613
								2055	31.308	0.1682
								2130	30.558	0.1713
								2135	29.856	0.1719
								2235	29.204	0.1790
								2240	28.520	0.1795
								2340	27.847	0.1863
								2400	27.183	0.1874
							6-16	15	26.528	0.1879
								110	25.882	0.1937
								145	24.617	0.1942
								245	23.999	0.2000
								315	22.789	0.2005
								410	22.158	0.2054
								445	21.041	0.2058
								535	20.476	0.2100
								540	19.920	0.2104
								635	18.834	0.2111
								750	17.783	0.2147
								825	16.767	0.2151
								940	15.785	0.2163
								1035	14.375	0.2166
								1145	13.477	0.2174
								1240	12.193	0.2179
								1415	10.981	0.2186
								1535	9.842	0.2192

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023949.

1974 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED K						
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF			
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)
EVENT OF JUNE 13 - 20, 1974 (CONTINUED)									
							6-16	1540	9.478
								1645	8.774
								1825	8.101
								1830	7.776
								1950	7.459
								2040	6.847
								2220	6.552
								2400	5.985
							6-17	130	5.712
								135	5.447
								335	5.189
								445	4.694
								715	4.458
								840	4.005
								1100	3.789
								1215	3.378
								1420	3.183
								1540	2.812
								1840	2.636
								1845	2.467
								2345	2.304
								2400	2.146
							6-18	215	1.998
								740	1.854
								1010	1.584
								1315	1.459
								1445	1.225
								1755	1.015
								2155	0.918
								2400	0.827
							6-19	25	0.741
								750	0.661
								1510	0.451
								1700	0.336
								2400	0.285
							6-20	920	0.240

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023949.



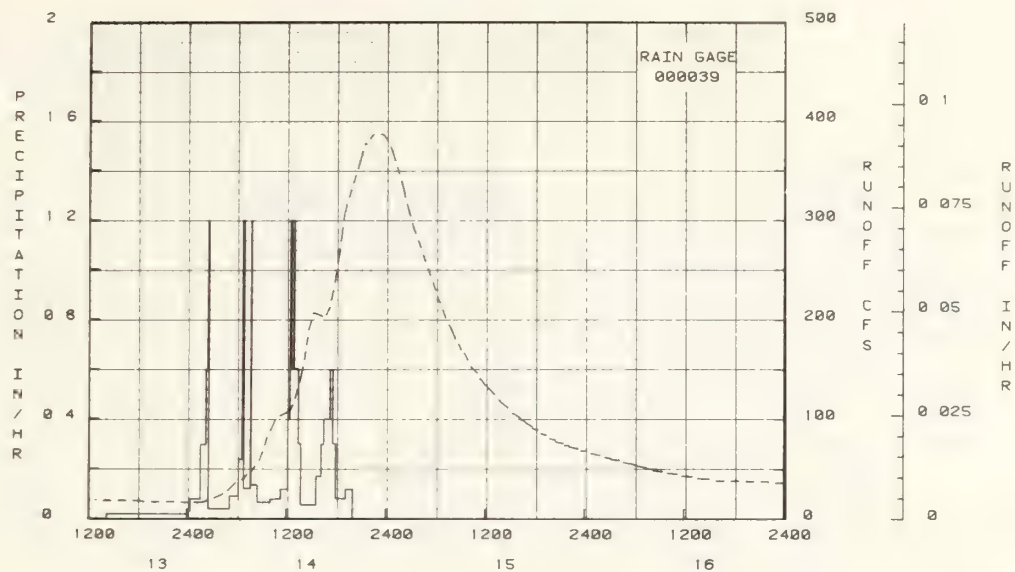
1975 SELECTED RUNCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED F							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Fainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CF APRIL 13 - 18, 1975										
RG 000039			FG 000035							
4-13	0.0	0.064	4-13	1419	0.0	0.0	4-13	1255	18.834	0.0
				1920	0.0199	0.10		1300	18.304	0.0004
				2400	0.0193	0.19		1740	17.763	0.0205
			4-14	20	0.0300	0.20		1850	16.767	0.0209
				135	0.0800	0.30		2330	16.272	0.0353
WATERSHED CONDITIONS:				155	0.2000	0.40		2400	16.272	0.0400
Water, 1.0%; crops, 29.8%;				215	0.3000	0.50	4-14	145	16.767	0.0465
wetland, 0.1%; pasture,				225	0.6000	0.60		230	18.834	0.0476
12.6%; roads, 0.7%;				235	1.2000	0.80		420	25.246	0.0486
forest, 55.8.				510	0.0387	0.50		455	28.520	0.0498
				615	0.0523	1.00		550	36.545	0.0565
				640	0.2400	1.10		650	40.561	0.0577
				650	1.2000	1.30		715	44.857	0.0620
				740	0.1200	1.40		740	46.637	0.0638
				745	1.1599	1.50		850	60.227	0.0787
				830	0.1333	1.60		940	81.950	0.0819
				1005	0.0632	1.70		1035	58.988	0.1018
				1120	0.0800	1.80		1120	104.106	0.1059
				1210	0.1200	1.90		1210	107.528	0.1144
				1225	0.4000	2.00		1225	105.241	0.1166
				1230	1.2001	2.10		1245	114.397	0.1189
				1240	0.6000	2.20		1305	123.044	0.1284
				1250	0.5599	2.30		1340	140.573	0.1312
				1255	1.2001	2.40		1400	153.052	0.1342
				1305	0.5599	2.50		1410	160.268	0.1374
				1315	0.6000	2.60		1440	191.643	0.1584
				1325	0.6000	2.70		1510	206.819	0.1666
				1345	0.3000	2.80		1615	203.000	0.1952
				1535	0.0545	2.90		1645	204.906	0.2114
				1610	0.1714	3.00		1710	212.575	0.2156
				1630	0.3000	3.10		1725	222.263	0.2286
				1645	0.4000	3.20		1800	245.936	0.2616
				1700	0.4000	3.30		1815	264.075	0.2668
				1715	0.4000	3.40		1840	252.978	0.2946
				1725	0.5599	3.50		1855	307.736	0.3007
				1735	0.6000	3.60		1910	316.256	0.3132
				1755	0.3000	3.70		2040	357.615	0.4343
				1910	0.0800	3.80		2100	368.741	0.4488
				2000	0.1200	3.90		2120	377.714	0.4766
								2130	375.467	0.4937
								2205	384.481	0.5050
								2220	386.750	0.5244
								2325	386.750	0.6247
								2400	379.969	0.6323
							4-15	35	368.741	0.6470
								55	359.833	0.6761
								150	335.666	0.7311
								210	322.667	0.7376
								230	311.986	0.7439
								250	303.455	0.7684
								310	292.978	0.7743
								620	218.376	0.9682
								630	216.441	0.9769
								710	201.097	1.0102
								745	191.643	1.0175
								820	180.436	1.0439
								845	174.868	1.0509
								900	169.376	1.0612
								925	165.720	1.0645
								1020	151.255	1.0768
								1100	145.900	1.0856
								1120	140.573	1.0971
								1200	133.520	1.0997
								1220	131.767	1.1103
								1305	124.784	1.1128
								1355	116.122	1.1175
								1445	110.959	1.1197
								1520	105.818	1.1240
								1615	100.694	1.1260
								1620	58.988	1.1279

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023549.



1975	SELECTED FURCFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED R							
ANTECEDENT CONDITIONS			RAINFALL				FURCFF				
Date	Rainfall	Furcfff	Date	Time	Intensity	Acc.	Date	Time	Fate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF APRIL 13 - 18, 1975 (CONTINUED)											
							4-15	1650	57.286	1.1357	
								1655	55.583	1.1416	
								1740	92.184	1.1435	
								1745	50.483	1.1453	
								1820	68.766	1.1578	
								1840	65.387	1.1595	
								1920	63.689	1.1730	
								1945	60.286	1.1746	
								2025	78.584	1.1873	
								2030	76.878	1.1889	
								2125	75.171	1.2056	
								2135	73.462	1.2085	
								2205	73.462	1.2173	
								2210	71.747	1.2188	
								2310	70.033	1.2358	
								2335	67.779	1.2371	
							4-16	2400	67.779	1.2439	
								45	65.570	1.2465	
								150	63.401	1.2567	
								225	61.274	1.2579	
								310	60.227	1.2689	
								315	59.189	1.2700	
								410	58.163	1.2825	
								445	56.139	1.2841	
								600	54.155	1.2873	
								605	53.182	1.2884	
								725	51.262	1.2925	
								730	50.316	1.2935	
								820	49.382	1.3034	
								825	48.456	1.3044	
								925	47.542	1.3159	
								1000	45.742	1.3168	
								1110	44.857	1.3295	
								1145	43.117	1.3303	
								1300	42.262	1.3431	
								1340	40.581	1.3439	
								1500	39.755	1.3568	
								1555	38.133	1.3575	
								2205	37.336	1.4133	
								2210	36.545	1.4140	
								2355	35.772	1.4292	
							4-17	2400	35.004	1.4299	
								230	33.457	1.4427	
								240	32.759	1.4440	
								335	32.759	1.4512	
								340	32.028	1.4515	
								540	31.308	1.4670	
								550	30.556	1.4683	
								655	30.598	1.4762	
								700	29.856	1.4768	
								935	29.204	1.4951	
								940	28.520	1.4957	
								1105	27.847	1.5052	
								1145	26.528	1.5058	
								1300	25.882	1.5136	
								1340	24.617	1.5141	
								1505	23.390	1.5151	
								1550	22.789	1.5155	
								1800	22.196	1.5272	
								1810	21.615	1.5281	
								2040	21.615	1.5410	
								2045	21.041	1.5414	
								2400	21.041	1.5578	

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.00023949.



EVENT CP APRIL 13 - 18, 1975  
TIPTON, GEORGIA LITTLE RIVER WATERSHED K



TIPTON, GEORGIA LITTLE RIVER WATERSHED #

LOCATION: Turner County, Georgia; approximately 4 miles northwest of Ashburn on County Road 51531; Newell Branch, Little River Watershed, Withlacoochee River Sub-basin, Suwanee River Basin. Lat. 31 deg. 41 min. 46 sec., long. 83 deg. 43 min. 52 sec.

AREA: 646.00 acres 1.01 sq. miles

SLOPES: Slope-Percent 0-2 2-5 5-8 8-12  
Percent of area 13.0 75.0 11.0 1.0

SOILS: Little River Watershed is located on sediments of early to middle Miocene age (Hawthorn Formation, Ashburn Member). These sediments are underlain by limestones (Tampa, Suwanee, Coala, and others) which form the Floridan aquifers. The Ashburn Member of the Hawthorn Formation in the area is composed of non-marine, poorly-sorted, sands interbedded with partly-indurated sandy claystones and clays. The Ashburn Member is present only in the watershed area upstream of Station F. Downstream, the sediments (clay, loam clay, degraded limestone) are of Lower Miocene age. The streams within the watershed are incised into these materials which inhibit deep seepage loss. These materials cause most of the water that infiltrates the surface soils and Quaternary eolian sand to move laterally as interflow and return to the stream as base flow.

Uplands are mostly nearly level to gently sloping, well drained, with a sandy surface layer and clayey subsoil; soils in depressions and drainageways are poorly drained, have a sandy surface layer and loamy subsoil. Floodplain soils are poorly drained and predominantly loamy.

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Tifton loamy sand	42.981	10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate	72	Low	Medium
Alapaha loamy sand	13.53	6-12	Weak fine granular	Rapid to moderate	Weak fine granular to weak medium subangular blocky	Moderate	70	Low	Poor
Cowarts loamy sand and sandy loam	11.15	6-12	Weak fine granular	Moderate	Weak to moderate medium subangular blocky	Moderate in upper to slow in lower part	36	Low	Good
Puquay loamy sand	9.53	8-10	Weak fine granular	Moderate	Weak fine subangular blocky	Moderate in upper to slow in lower part	65-72	Low	Good
Dothan loamy sand	5.13	10	Weak fine granular	Moderate	Weak fine subangular blocky to moderate medium subangular blocky	Moderate	60-72	Low	Medium
Kinston-Osier fine sandy loam	3.91	6	Moderate fine granular to  moderate medium granular	Moderate	Weak Medium subangular blocky	Moderate	60	Moderate	Poor to very poor
Leefield loamy sand	2.86	6	Weak fine granular	Moderate	Weak medium subangular blocky	Moderate in upper part moderately slow in lower part	60-66	Low	Poor
Esto sandy loam	2.78	4-6	Moderate medium granular	Slow	Moderate medium subangular blocky	Slow	60-72	Low	Good
Lakeland sand	2.20	4	Sand, single grained, loose	Rapid	Sand, single grained, loose	Rapid	60-65	Moderate	Excessive
Stilson loamy sand	1.45	6	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-70	Low	Moderately well

In Cooperation with University of Georgia College of Agriculture Experiment Stations, Georgia Institute of Technology, and Middle South Georgia Soil Conservation District



SOILS - (CONTINUED)

SERIES OF TYPE (TEXTURE)	Per- cent of area	Avg. depth (in.)	TOPSOIL		SUBSOIL		SUBSTRATUM		
			Structure	Perme- ability	Structure	Perme- ability	Avg. depth to (in.)	Perme- ability	Internal drainage
Pelham loamy sand	1.04	5	Weak fine granular	Moderate	Weak fine subangular blocky to weak medium subangular blocky	Moderate	60-72	Low	Poor
Miscellaneous soils (12), each less than 1%	3.14								
TOTAL	100.00								
1/Percent of area based on 1979 SCS Soil Survey for entire county. Exact watershed percentages may be provided when available.									

EROSION:	Erosion Class	+	1	2	3	4	5
	Percent of Area	0.0	82.0	18.0	0.0	0.0	0.0

LAND CAPABILITY:	Class	I	II	III	IV	V	VI	VII	VIII
	Percent of Area	0.3	47.4	10.1	1.9	35.3	0.9	4.1	0.0

**GEOLOGY:** Little River Watershed lies in the Southern Coastal Plain, Tifton upland physiographic province. The parent geological formation for the upper watershed is the Ashburn member of the Hawthorn formation (Miocene). It lies north of a line passing northeast, southwest through gaging Station 1. Below Station 1, the upper Hawthorn formation is the only geologic formation outcropping other than the Pleistocene to recent sand deposits bounding the major stream network. These sands, however, have a pronounced effect on the surface hydrology of the watershed. Also, a significant number of sinks are located in the sand outcropped areas. The dip of the formations is south to southeast from 2 to 10 feet/mile. All geological formations are marine sedimentary deposits except the Paleocene sand deposits which are probably formed by erosion, reworking, and deposition by prevailing winds. The parent material of these sands is probably Miocene Hawthorn formation.

The entire area is underlain by the Hawthorn, which is considered an aquiclude. Locally, there are small groundwater bodies in this formation, but there is less than 1 inch/year lost to deep seepage in the watershed. Alluvial-channel systems collect both surface and shallow-phreatic subsurface flow and conduct it from the area. Surface soil is permeable and, in general, the infiltration rates are high. (Unpublished report by E. E. Carver, Department of Geology, University of Georgia).

SYSTEM	Formation and percent of area		Description
Neogene			
Pleistocene to recent series	Undifferentiated sands	7.0	Surficial sands probably wind lain up to 15 feet in depth. Lying, in general, east of major drainage. Unconsolidated, permeable, and has a high infiltration rate. Depcsited on the upper Hawthorn.
Miocene	Hawthorn formation upper	77.0	Consists of interbedded sandy clays and lenticular argillaceous to gravelly sand. Considered an aquiclude. Mottled iron manganese stained. Some concentrations.
	Lower (Ashburn member)	16.0	Hard indurated interbedded lenses of sandy claystone. Surface mottling with iron and manganese staining. Referred to as Ashburn member. Forms an aquiclude overlying the Floridan aquifers. Thickness 120-180 feet.
Paleocene	Tampa limestone formation		White dense, sandy limestone with interbedded sands and clays. No surface exposure in the watershed. Water bearing. Thickness 30-130 feet.
Oligocene	Suwanee Limestone		White to yellow, nodular, cherty, fossiliferous limestone. Solution caverns and water bearing. No surface exposure. Thickness 70-180 feet.
Eocene	Ocala limestone		White to cream, fossiliferous, variable texture limestone, locally interbedded with sand. Forms dense limestone boundary 5 to 10 miles south of Tifton. Causes change in piezometric surface.
Paleocene			Several other undifferentiated formations at depth of Eocene age. No surface outcrops of Eocene age in the watershed.
TOTAL		100.00	

**SURFACE DRAINAGE:** Good from slopes and uplands; generally fair to poor in valleys; length of principal waterway 1.1 miles. Drainage density 6.57.

**CHARACTER OF FLOW:** Intermittent, surface-fed 20 percent; shallow phreatic seepage return flow 80 percent.

INSTRUMENTATION: Runoff: Two Fischer and Porter digital stage recorders recording stages upstream and downstream of broad-crested V-notch weirs with 10 to 1 side slopes at 5-minute intervals. Also, one PW-1 analog stage recorder with 8-day chart for headwater stage. Precipitation: Eight Fischer and Porter digital recording rain gages with 5-minute recording cycle installed on 1-1/2 mile grid.

WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 0.7%; forest, 46.5%.

# GENERALLY REPRESENTS:

Mixed row crops, pasture, and woodland on coastal plain soils. Applicable to areas of the Upper Southern Coastal Plain of Georgia, Alabama, and South Carolina.

MONTHLY PRECIPITATION AND RUNOFF (inches)						TIFTON, GEORGIA LITTLE RIVER WATERSHED																						
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual														
1968	P	2.75	1.38	1.85	1.88	2.11	2.03	8.28	3.51	1.18	0.33	2.75	5.09	33.14														
	Q	0.510	0.228	0.278	0.030	0.001	0.0	0.007	0.008	0.0	0.0	0.0	0.002	1.063														
1969	P	0.35	3.64	6.05	1.17	7.51	2.31	6.30	7.55	4.92	0.34	0.68	4.19	45.05														
	Q	0.002	0.050	1.540	0.798	1.347	0.533	0.025	1.960	0.487	0.033	0.014	0.377	7.166														
1970	P	2.66	3.47	11.63	1.44	6.60	5.22	6.21	7.86	0.80	3.23	1.42	4.35	56.93														
	Q	0.751	1.243	4.285	1.611	1.463	2.210	1.015	1.684	0.182	0.149	0.182	0.568	15.403														
1971	P	3.96	7.18	6.71	4.35	2.97	3.22	6.28	6.34	0.54	1.74	3.43	6.16	54.90														
	Q	1.830	2.814	5.458	1.941	1.062	0.014	0.276	0.695	0.035	0.0	0.0	1.162	15.327														
1972	P	5.23	5.59	5.59	0.69	2.12	9.87	3.10	2.60	0.53	1.45	2.32	5.54	45.03														
	Q	2.518	3.172	2.016	0.922	0.162	1.252	0.435	0.0	0.0	0.0	0.0	0.0	10.481														
1973	P	5.57	6.72	6.35	6.86	3.26	8.40	6.83	3.57	0.70	0.49	1.34	3.41	53.90														
	Q	1.419	4.025	2.285	3.980	1.055	2.329	1.700	0.857	0.014	0.0	0.0	0.0	17.704														
1974	P	5.01	8.45	4.58	3.84	2.96	6.01	4.20	4.25	4.58	0.67	2.24	2.38	45.57														
	Q	0.445	3.528	2.173	2.051	0.230	0.626	0.061	0.103	0.101	0.002	0.0	0.005	9.325														
1975	P	5.56	3.91	7.51	7.99	4.10	3.25	9.02	4.86	0.94	2.72	2.10	3.51	55.45														
	Q	0.539	1.550	3.261	4.045	0.954	0.496	1.775	1.321	0.011	0.0	0.0	0.076	14.428														
STA AV	P	3.85	5.04	6.58	3.53	4.20	5.04	6.28	5.12	1.82	1.37	2.04	4.34	45.26														
	Q	1.057	2.076	2.662	1.922	0.789	0.933	0.662	0.834	0.104	0.023	0.025	0.276	11.362														
ANNUAL MAXIMUM DISCHARGE (in/hr) AND MAXIMUM VOLUMES OF RUNOFF (inches) FOR SELECTED TIME INTERVALS																												
		Maximum Discharge		1 Hour		2 Hours		Maximum Volume for Selected Time Interval								1 Day		2 Days		8 Days								
		Date	Rate	Date	Vol.	Date	Vol.	Date	6 Hours	Date	12 Hours	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.	Date	Vol.							
1968		7-30	0.011	8-1	0.005	1-10	0.008	1-10	0.023	1-10	0.045	1-10	0.084	1-10	0.136	1-10	0.256											
1969		8-2	0.247	8-2	0.234	8-2	0.431	8-2	0.905	8-2	1.144	8-2	1.285	8-2	1.490	8-2	1.803											
1970		3-31	0.101	3-31	0.100	3-31	0.157	3-30	0.555	3-30	1.029	3-30	1.450	3-30	1.702	3-28	2.485											
1971		3-3	0.341	3-3	0.325	3-3	0.594	3-3	1.155	3-3	1.420	3-2	1.946	3-2	2.261	2-28	3.254											
1972		6-25	0.040	6-25	0.040	6-25	0.075	3-30	0.215	3-30	0.377	3-30	0.517	3-30	0.636	2-1	1.432											
1973		7-8	0.091	7-8	0.090	7-8	0.175	7-8	0.406	7-8	0.570	4-26	0.716	4-25	0.948	3-31	2.056											
1974		2-16	0.062	2-16	0.061	2-16	0.120	2-16	0.325	2-16	0.512	2-16	0.666	2-6	0.820	3-29	1.780											
1975		4-14	0.139	4-14	0.137	4-14	0.266	4-14	0.664	4-14	1.038	4-14	1.401	4-14	1.626	4-5	2.788											
MAXIMUMS FOR PERIOD OF RECORD																												
		3-3	0.341	3-3	0.325	3-3	0.594	3-3	1.155	3-3	1.420	3-2	1.946	3-2	2.261	2-28	3.254											
		1971		1971		1971		1971		1971		1971		1971		1971												

NOTES: Watershed conditions: Same as described in previous section under WATERSHED CONDITIONS. For topographic map of watershed see page 74.009-24 this publication. For composition map showing location of rain gages see map page 74.002-22 this publication. Precipitation records began January 1968. Runoff records began January 1, 1968. Monthly precipitation values are weighted using the Reciprocal Distance Squared Method from 8 recording gages. For long-time precipitation records, see National Weather Service records at Tifton, Georgia.

1968 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.09	0.0	0.0	0.0	0.0	0.03	0.0	0.95	0.16	0.0	0.0	0.15
2	0.14	0.37	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.03
3	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	1.61
4	0.06	0.0	0.01	0.0	0.0	0.0	0.81	0.0	0.0	0.0	0.20	0.0
5	0.0	0.0	0.0	0.43	0.04	0.0	0.36	0.0	0.0	0.0	0.0	0.0
6	0.02	0.03	0.0	0.0	0.0	0.26	0.08	0.0	0.0	0.01	0.0	0.0
7	0.11	0.0	0.0	0.0	0.0	0.53	0.41	0.0	0.0	0.14	0.0	0.12
8	0.0	0.0	0.0	0.01	0.0	0.03	0.64	0.0	0.03	0.0	0.0	0.0
9	0.30	0.0	0.0	0.0	0.0	0.03	1.60	0.03	0.57	0.0	0.86	0.0
10	0.71	0.0	0.38	0.10	0.04	0.0	0.73	0.26	0.05	0.0	0.05	0.0
11	0.0	0.0	0.87	0.0	0.0	0.0	0.0	0.03	0.0	0.0	0.83	0.0
12	0.0	0.0	0.21	0.0	0.0	0.43	0.0	0.0	0.0	0.0	0.02	0.0
13	0.0	0.0	0.0	0.0	0.0	0.03	0.0	0.20	0.0	0.0	0.0	0.02
14	0.0	0.01	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.20
15	0.0	0.21	0.03	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.16	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.13	0.0
17	0.0	0.0	0.06	0.0	0.0	0.01	0.0	0.0	0.16	0.02	0.02	0.0
18	0.0	0.16	0.0	0.0	0.43	0.0	0.0	1.02	0.0	0.13	0.37	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.07
20	0.0	0.0	0.0	0.0	0.0	0.0	0.32	0.02	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.01	0.10	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.62
23	0.21	0.23	0.0	0.03	0.0	0.03	0.83	0.0	0.0	0.0	0.0	0.07
24	0.04	0.10	0.0	0.25	0.0	0.0	0.03	0.57	0.0	0.0	0.05	0.0
25	0.0	0.0	0.0	0.01	0.0	0.0	0.15	0.04	0.0	0.0	0.03	0.0
26	0.02	0.0	0.03	0.0	0.64	0.0	0.0	0.05	0.19	0.0	0.0	0.0
27	0.02	0.0	0.0	0.44	0.14	0.0	0.0	0.24	0.02	0.0	0.02	0.0
28	0.01	0.0	0.0	0.20	0.80	0.0	0.0	0.0	0.0	0.0	0.17	0.57
29	0.02	0.26	0.0	0.31	0.0	0.0	0.58	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.02	0.0	0.0	1.60	0.0	0.0	0.0	0.0	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.06	0.06	0.0	0.0	0.0	1.23
TOTAL	2.75	1.38	1.85	1.88	2.11	2.03	8.28	3.51	1.18	0.33	2.75	5.09
STA AV	2.75	1.38	1.85	1.88	2.11	2.03	8.28	3.51	1.18	0.33	2.75	5.09

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 1 yr (1968) record period.

1969 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.06	0.0	0.02	0.0	0.0	0.06	0.08	0.32	0.03	0.0
2	0.0	0.04	0.0	0.0	0.0	0.0	0.04	4.53	0.0	0.0	0.0	0.0
3	0.0	0.22	0.14	0.0	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.67	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0
6	0.02	0.16	1.80	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.64
8	0.0	0.64	0.13	0.02	0.10	0.0	0.06	0.0	0.74	0.0	0.0	0.0
9	0.12	0.02	0.02	0.0	0.06	0.0	0.0	0.03	0.04	0.0	0.0	0.06
10	0.0	0.0	0.0	0.0	0.0	1.57	0.0	0.14	0.0	0.0	0.0	1.13
11	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.01	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.20	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.04	0.07	0.0	0.0	0.15	0.0
14	0.0	0.46	0.0	0.0	0.18	0.0	1.43	0.05	0.0	0.0	0.02	0.0
15	0.0	1.60	0.0	0.0	0.54	0.01	0.28	0.0	0.0	0.0	0.0	0.0
16	0.0	0.09	0.29	0.04	1.64	0.0	0.06	0.0	0.03	0.0	0.0	0.0
17	0.0	0.0	0.33	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.0	0.0	1.97	0.30	1.09	0.0	0.0	0.04	0.03	0.0	0.02	0.0
19	0.10	0.0	0.0	0.0	0.21	0.0	0.0	0.03	0.10	0.0	0.26	0.0
20	0.12	0.0	0.0	0.0	0.0	0.14	0.07	0.0	0.23	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.07	0.05	0.0	3.50	0.02	0.0	1.19
22	0.0	0.33	0.0	0.0	0.0	0.0	1.40	0.68	0.10	0.0	0.0	0.0
23	0.0	0.02	0.04	0.0	0.03	0.0	0.41	0.47	0.07	0.0	0.0	0.09
24	0.02	0.0	1.26	0.0	0.0	0.0	0.23	0.05	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.86
26	0.0	0.0	0.0	0.0	2.58	0.02	0.0	0.0	0.0	0.0	0.0	0.0
27	0.01	0.0	0.0	0.0	0.23	0.07	0.05	0.0	0.0	0.0	0.0	0.0
28	0.0	0.0	0.0	0.08	0.0	0.0	1.09	0.0	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.06	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.02
30	0.0	0.0	0.0	0.0	0.41	0.0	0.28	0.05	0.0	0.0	0.0	0.08
31	0.0	0.0	0.0	0.0	0.0	0.0	0.29	0.24	0.0	0.0	0.0	0.12
TOTAL	0.39	3.64	6.05	1.17	7.51	2.31	6.30	7.55	4.92	0.34	0.68	4.19
STA AV	1.57	2.51	3.95	1.53	4.81	2.17	7.29	5.53	3.05	0.34	1.72	4.64

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 2 yr (1968-69) record period.



1970 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.20	0.20	0.0	0.0	0.0	0.25	0.0	0.17	0.20	0.0	0.0	0.0
2	0.0	1.15	0.0	0.25	0.0	0.11	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.31	0.0	0.0	0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	1.38	0.0	0.20	2.16	0.18	0.0	0.0	0.0	0.0	0.0
5	0.13	0.0	0.06	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.97	0.0	0.0	0.0	0.0	0.0	0.0	1.73	0.0	0.0	0.0	0.0
7	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.0	0.0	0.0	0.0
8	0.0	0.0	0.86	0.0	0.0	0.0	0.12	0.64	0.0	0.07	0.0	0.0
9	0.0	0.0	0.08	0.0	0.0	0.0	0.03	0.03	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.95	0.02	0.0	1.10	0.0
11	0.18	0.0	0.30	0.0	0.0	0.0	0.55	0.10	0.03	0.0	0.0	0.0
12	0.06	0.0	0.06	0.25	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.24
13	0.0	0.0	0.0	0.04	0.0	0.23	0.13	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.27	0.0
15	0.15	0.02	0.0	0.0	0.06	0.03	0.0	0.0	0.0	0.0	0.0	0.25
16	0.01	0.95	0.0	0.0	0.15	0.0	0.34	0.08	0.11	0.0	0.0	1.46
17	0.0	0.30	0.01	0.0	0.0	0.0	0.03	0.06	0.0	0.0	0.0	0.0
18	0.0	0.04	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.06	0.56	0.0	0.0	0.0	0.02	0.0	0.53	0.02	0.0
20	0.0	0.0	1.65	0.07	0.0	0.0	0.12	0.0	0.0	0.20	0.03	0.0
21	0.0	0.0	1.98	0.0	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.06	0.0	0.0	0.33	0.68	0.0	0.0	0.0	0.0	0.0
23	0.16	0.0	0.0	0.0	0.0	0.35	0.26	1.25	0.0	0.0	0.0	0.05
24	0.0	0.0	0.0	0.0	0.0	0.0	1.60	0.76	0.04	2.16	0.0	0.04
25	0.0	0.50	0.0	0.0	1.29	0.30	0.0	1.02	0.28	0.09	0.0	0.08
26	0.03	0.0	0.0	0.21	0.55	0.0	1.82	0.94	0.0	0.0	0.0	0.0
27	0.0	0.0	0.0	0.0	0.08	1.39	0.0	0.03	0.10	0.0	0.0	0.02
28	0.0	0.0	0.99	0.0	3.32	0.0	0.17	0.0	0.02	0.0	0.0	0.0
29	0.72	0.01	0.0	0.0	1.18	0.03	0.0	0.0	0.0	0.08	0.0	1.46
30	0.03	3.10	0.0	0.0	0.75	0.0	0.0	0.0	0.0	0.02	0.0	0.47
31	0.0	0.98	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.0	0.0	0.32
TOTAL	2.66	3.47	11.63	1.44	8.60	5.22	6.21	7.86	0.80	3.23	1.42	4.39
STA AV	1.53	2.83	6.51	1.50	6.07	3.15	6.93	6.31	2.30	1.30	1.62	4.56

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 3 yr (1966-70) record period.

1971 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.0	0.21	0.0	0.01	0.0	0.02	0.07	0.0	0.0	0.02	0.03
2	0.0	0.0	1.96	0.60	0.18	0.0	0.82	0.01	0.0	0.0	0.0	1.16
3	0.0	0.0	2.58	0.0	0.09	0.0	0.35	0.0	0.0	0.0	0.40	1.30
4	0.57	0.0	0.0	0.0	0.0	0.0	0.52	0.31	0.08	0.0	0.0	0.0
5	0.14	0.85	0.0	1.14	0.0	0.0	0.0	0.0	0.07	0.0	0.0	0.01
6	0.0	0.0	0.0	0.0	0.0	0.03	0.05	0.0	0.03	0.0	0.0	0.19
7	0.0	1.80	0.10	0.02	0.0	0.10	0.47	0.0	0.04	0.0	0.0	0.31
8	1.47	0.65	0.0	0.0	0.51	0.0	0.01	0.0	0.0	0.0	0.0	0.0
9	0.10	0.0	0.0	0.0	0.0	0.24	0.0	2.37	0.0	0.83	0.08	0.0
10	0.0	0.02	0.10	0.0	0.0	0.0	0.0	0.27	0.02	0.16	0.02	0.0
11	0.0	0.0	0.0	0.0	0.0	0.10	0.68	0.49	0.0	0.0	0.0	0.29
12	0.04	0.40	0.0	0.0	0.56	0.04	0.0	0.07	0.0	0.06	0.04	0.0
13	0.0	0.04	0.23	0.0	0.02	0.23	0.0	0.0	0.0	0.0	0.0	0.02
14	0.0	0.0	0.02	0.0	0.0	0.0	0.26	0.0	0.0	0.10	0.0	0.0
15	0.20	0.0	0.11	0.0	1.01	0.31	0.56	0.0	0.0	0.06	0.0	0.0
16	0.0	0.02	0.0	0.0	0.0	0.0	0.02	0.32	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.10	0.0	0.0	0.08
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.02
19	0.0	0.0	0.34	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	1.14	0.0	0.0	0.10	0.0	0.0	0.0	0.0	0.16	0.0	2.75
21	0.0	0.0	0.0	0.0	0.04	0.39	0.0	0.0	0.13	0.10	0.04	0.0
22	0.0	0.34	0.16	0.0	0.0	0.03	0.0	0.04	0.0	0.0	0.0	0.0
23	0.16	0.0	0.17	0.37	0.0	0.0	0.0	0.29	0.02	0.04	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.08	0.11	0.03	0.16	0.20	0.0
25	0.76	0.0	1.10	0.0	0.0	0.0	0.0	0.80	0.0	0.0	0.0	0.0
26	0.0	0.28	0.86	0.0	0.0	0.0	0.44	0.03	0.0	0.0	0.0	0.0
27	0.0	0.12	0.0	0.0	0.0	0.0	0.02	0.02	0.0	0.04	0.04	0.0
28	0.0	1.52	0.0	0.10	0.0	0.37	0.0	0.0	0.0	0.0	1.61	0.02
29	0.0	0.75	0.82	0.02	0.73	0.89	1.09	0.0	0.0	0.0	0.98	0.0
30	0.52	0.0	1.30	0.03	0.03	0.03	0.51	0.04	0.0	0.03	0.0	0.0
31	0.0	0.02	0.0	0.0	0.0	0.0	0.58	0.01	0.0	0.0	0.0	0.0
TOTAL	3.96	7.18	8.71	4.35	2.97	3.22	6.28	6.34	0.54	1.74	3.43	6.18
STA AV	2.44	3.92	7.06	2.21	5.30	3.20	6.77	6.32	1.86	1.41	2.07	4.56

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 4 yr (1968-71) record period.



1972 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	1.43	0.0	0.0	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.03
2	0.48	0.04	0.52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.80	0.0	0.13	0.0	0.0	0.0	1.33	0.0	0.0	0.0	0.0	0.10
6	0.0	0.20	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.03	2.02
7	0.0	0.72	0.0	0.0	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.31	0.08	1.14	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.03	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0
10	0.27	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.03	0.0	0.0	0.0
11	1.66	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.0
12	0.01	0.62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.85	0.0	0.0	0.0	0.63	0.0	0.04	0.0	0.0	0.0	0.88	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.12	0.0	0.23	0.03	0.04
15	0.0	0.18	0.0	0.0	0.03	0.0	0.0	0.0	0.0	0.06	0.0	0.36
16	0.0	0.47	0.95	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.06	0.02	0.0	0.0	0.30	0.02	0.04	0.0	0.0	0.0	0.0
18	0.02	0.0	0.02	0.0	0.0	0.07	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.02	4.17	0.0	0.0	0.0	0.0	0.30	0.0
20	0.0	0.0	0.0	0.0	0.10	1.31	0.01	0.01	0.0	0.0	0.0	0.04
21	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.0	0.0	0.0	0.0	0.78
22	0.37	0.0	0.10	0.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.14
23	0.02	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.05	0.02	0.0	0.24	0.0	0.38
25	0.03	0.02	0.15	0.0	0.0	2.46	0.23	0.02	0.0	0.0	0.68	0.0
26	0.0	0.58	0.0	0.0	0.0	0.06	0.0	0.35	0.0	0.0	0.0	0.0
27	0.0	0.17	0.0	0.0	0.10	1.26	0.28	0.0	0.01	0.88	0.0	0.0
28	0.04	0.0	0.53	0.0	0.10	0.02	0.0	0.97	0.0	0.0	0.0	0.0
29	0.46	0.0	0.04	0.0	0.0	0.20	0.0	0.01	0.0	0.0	0.15	0.0
30	0.12	0.0	2.66	0.0	0.0	0.0	0.10	0.0	0.65	0.04	0.20	0.0
31	0.07	0.0	0.12	0.0	0.0	0.0	0.82	0.0	0.0	0.0	0.0	1.65
TOTAL	5.23	5.59	5.59	0.69	2.12	5.87	3.10	2.60	0.93	1.45	2.32	5.54
STA AV	3.00	4.25	6.77	1.91	4.66	4.53	6.03	5.57	1.67	1.42	2.12	5.08

NOTES: Values are weighted using Reciprocal Distance Squared Method from 6 recording gages. STA AV are based on 5 yr (1966-72) record period.

1973 DAILY PRECIPITATION (inches) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.80	1.12	0.0	0.45	0.0	0.02	0.0	0.0	0.16	0.15	0.0	0.0
2	0.47	1.48	0.0	0.0	0.0	0.03	0.0	0.53	0.02	0.0	0.0	0.0
3	0.0	0.0	0.21	0.53	0.0	0.0	0.0	0.10	0.0	0.0	0.0	0.0
4	0.19	0.0	0.0	0.10	0.0	0.0	0.0	1.30	0.0	0.0	0.0	0.21
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.54
6	0.0	0.0	0.09	0.0	0.0	1.77	0.03	0.0	0.0	0.0	0.0	0.0
7	0.17	0.0	0.0	1.69	0.02	0.0	0.0	0.28	0.0	0.0	0.0	0.0
8	0.83	0.71	0.0	0.0	0.88	0.56	3.22	0.0	0.0	0.0	0.0	0.0
9	0.0	1.82	0.10	0.0	0.0	0.25	0.0	0.0	0.0	0.10	0.0	0.0
10	0.06	0.0	0.03	0.0	0.0	0.59	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.37	0.0	0.0	0.0	0.13	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.06	0.32	0.0	0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.04	0.0	0.0	0.02	0.65	0.0	0.19	0.0	0.0	0.0
14	0.0	1.16	0.0	0.0	0.0	0.09	0.42	0.16	0.15	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.05	0.0	0.03	0.05	0.0	0.0	1.03
16	0.0	0.0	1.00	0.0	0.0	0.06	0.13	0.12	0.0	0.0	0.0	0.44
17	0.0	0.0	0.0	0.0	0.0	0.76	0.06	0.0	0.0	0.04	0.0	0.0
18	0.0	0.0	0.0	0.0	0.0	0.02	0.15	0.60	0.0	0.0	0.0	0.0
19	0.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.22	0.0	0.04	0.01	0.0	0.0	0.0	0.0	0.09	0.10
21	0.24	0.0	0.0	0.0	0.02	0.07	0.04	0.0	0.0	0.0	0.44	0.0
22	0.83	0.0	0.0	0.0	0.0	0.39	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.71	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.01	0.0	0.0	0.0	0.0	0.0	0.0	0.03
25	0.0	0.0	1.26	1.39	0.09	0.03	0.0	0.0	0.0	0.0	0.0	0.0
26	0.72	0.0	0.0	2.23	1.44	0.0	0.41	0.01	0.0	0.0	0.0	0.60
27	0.0	0.0	0.0	0.01	0.02	0.0	0.41	0.0	0.09	0.0	0.0	0.0
28	0.50	0.0	0.15	0.06	0.0	2.10	0.0	0.02	0.0	0.10	0.71	0.0
29	0.0	0.0	0.27	0.0	0.66	0.02	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.81	0.0	0.08	0.0	0.0	0.0	0.0	0.0	0.0	0.11
31	0.0	0.0	1.85	0.0	0.0	0.0	1.31	0.82	0.16	0.16	0.0	0.35
TOTAL	5.57	6.72	6.35	6.86	3.26	8.40	6.83	3.57	0.70	0.49	1.34	3.41
STA AV	3.43	4.66	6.70	2.73	4.43	5.18	6.17	5.31	1.51	1.26	1.99	4.80

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 6 yr (1968-73) record period.

1974	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED #						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2.15	0.06	0.01	0.0	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.0
2	0.0	0.14	0.0	0.82	0.02	0.85	0.20	0.0	0.07	0.0	0.0	0.0
3	0.0	0.34	0.0	0.0	0.0	0.11	1.40	0.24	0.0	0.0	0.0	0.0
4	0.18	0.0	0.0	1.73	0.0	0.02	0.01	0.14	0.0	0.0	0.0	0.0
5	0.02	0.0	0.0	0.02	0.17	1.08	0.0	0.71	0.80	0.0	0.0	0.0
6	0.04	1.95	0.0	0.0	0.0	0.0	0.02	0.46	1.75	0.0	0.0	0.0
7	0.06	1.89	0.0	0.0	0.0	0.0	0.0	0.76	0.49	0.0	0.0	0.35
8	0.0	0.23	0.0	0.55	0.0	0.12	0.0	0.03	0.23	0.0	0.0	0.0
9	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.15	0.0
10	0.0	0.0	0.0	0.02	0.0	0.55	0.0	0.0	0.06	0.0	0.0	0.0
11	1.34	0.0	0.0	0.0	1.45	0.04	0.0	0.0	0.0	0.0	0.18	0.0
12	0.0	0.0	0.0	0.02	0.0	0.0	0.05	0.0	0.0	0.0	0.0	0.11
13	0.0	0.0	0.0	0.30	0.0	0.03	0.0	0.18	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	2.02	0.0	0.0	0.0	0.0	0.12	0.0
15	0.02	0.11	0.0	0.20	0.16	0.0	0.0	0.07	0.0	0.02	0.01	0.50
16	0.0	2.32	0.12	0.0	0.11	0.0	0.0	0.0	0.0	0.65	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.03	0.32	0.6	0.39	0.0
18	0.0	0.0	0.04	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	1.04	0.31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.23	0.0	0.11	0.0	0.07	0.31	0.94	0.32	0.0	0.0	0.54	1.25
21	0.12	0.0	0.88	0.0	0.0	0.55	0.0	0.35	0.0	0.0	0.0	0.0
22	0.0	0.37	0.0	0.14	0.0	0.06	0.0	0.04	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.04	0.77	0.01	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.0	0.0	0.0	0.0	0.45	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.42	0.0	0.0	0.0	0.45	0.17	0.0	0.0	0.0	0.12
26	0.0	0.0	0.16	0.0	0.13	0.0	0.32	0.03	0.66	0.0	0.0	0.0
27	0.0	0.0	0.52	0.0	0.0	0.16	0.10	0.06	0.0	0.0	0.0	0.0
28	0.07	0.0	0.16	0.0	0.0	0.06	0.0	0.0	0.0	0.0	0.0	0.05
29	0.50	0.0	2.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.24	0.0	0.0	0.0	0.04	0.0	0.20	0.12	0.0	0.0	0.45	0.0
31	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.28	0.0	0.0	0.0	0.0
TOTAL	5.01	8.45	4.58	3.84	2.56	6.01	4.20	4.25	4.58	0.67	2.24	2.38
STA AV	3.65	5.20	6.45	2.85	4.22	5.29	5.85	5.15	1.95	1.18	2.03	4.45

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 7 yr (1968-74) record period.

1975	DAILY PRECIPITATION (inches)					TIFTON, GEORGIA LITTLE RIVER WATERSHED #						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.0	0.02	0.24	0.40	0.0	0.0	0.0	2.34	0.0	0.15	0.0	0.37
2	0.0	0.18	0.0	0.0	0.0	0.01	0.0	0.06	0.0	0.02	0.0	0.0
3	0.0	0.47	0.0	0.10	0.03	0.0	0.0	0.02	0.0	0.0	0.0	0.0
4	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.02	0.0	0.20	0.0	0.0
5	0.0	0.10	0.0	0.0	0.0	0.0	0.60	0.02	0.0	0.02	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.17	0.02	0.10	0.0	0.0
7	0.0	0.0	0.21	0.0	0.33	0.0	0.09	0.04	0.0	0.68	0.10	0.08
8	0.91	0.0	0.0	0.0	0.0	0.0	0.50	0.80	0.01	0.05	0.17	0.0
9	0.0	0.0	0.0	0.82	0.0	0.37	0.0	0.0	0.08	0.0	0.0	0.40
10	0.0	0.04	0.0	2.06	0.0	0.41	0.30	0.03	0.0	0.0	0.14	0.0
11	0.40	0.0	0.35	0.11	0.0	0.75	2.98	0.11	0.0	0.0	0.04	0.0
12	2.00	0.16	0.0	0.0	0.19	0.53	0.02	0.0	0.0	0.0	1.30	0.0
13	0.0	0.0	0.05	0.06	0.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.35	3.75	0.70	0.0	0.85	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.02	0.33	0.19	0.51	0.0	0.0	0.01	0.0	0.02
16	0.0	0.30	3.07	0.0	0.67	0.0	0.12	0.0	0.0	0.0	0.0	0.0
17	0.0	0.57	0.0	0.0	0.25	0.0	0.90	0.0	0.20	1.45	0.0	0.65
18	0.0	0.16	2.45	0.0	0.0	0.18	0.15	0.0	0.16	0.0	0.0	0.0
19	0.40	0.76	0.0	0.10	0.0	0.08	0.0	0.26	0.0	0.0	0.04	0.0
20	0.22	0.02	0.0	0.10	0.0	0.0	0.01	0.02	0.0	0.0	0.0	0.0
21	0.0	0.09	0.0	0.0	0.0	0.0	0.97	0.29	0.05	0.0	0.15	0.0
22	0.20	0.66	0.0	0.0	0.0	0.0	0.0	0.04	0.15	0.0	0.0	0.0
23	0.46	0.06	0.0	0.0	0.0	0.0	0.04	0.0	0.10	0.0	0.0	0.0
24	0.28	0.32	0.83	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.41	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.78
26	0.0	0.0	0.0	0.0	0.22	0.36	0.02	0.0	0.0	0.0	0.0	0.10
27	0.0	0.0	0.0	0.22	0.0	0.0	0.0	0.13	0.0	0.0	0.16	0.0
28	0.0	0.0	0.0	0.0	0.06	0.0	0.55	0.36	0.0	0.0	0.0	0.0
29	0.0	0.0	0.0	0.03	0.03	0.07	0.07	0.15	0.17	0.0	0.0	0.14
30	0.0	0.26	0.20	0.18	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.20
31	0.0	0.0	0.0	0.0	1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.77
TOTAL	5.58	3.91	7.51	7.99	4.10	3.25	9.02	4.86	0.94	2.72	2.10	3.51
STA AV	3.89	5.04	6.58	3.53	4.20	5.04	6.28	5.12	1.82	1.37	2.04	4.34

NOTES: Values are weighted using Reciprocal Distance Squared Method from 8 recording gages. STA AV are based on 8 yr (1968-75) record period.

1968 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.140	0.182	0.235	0.032	0.008	0.0	0.0	0.200	0.0	0.0	0.0	0.0
2	0.959	0.307	0.192	0.024	0.006	0.0	0.0	0.004	0.0	0.0	0.0	0.0
3	0.298	0.545	0.169	0.019	0.005	0.0	0.0	0.001	0.0	0.0	0.0	0.0
4	0.194	0.325	0.147	0.019	0.005	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.150	0.234	0.094	0.045	0.003	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.131	0.222	0.091	0.210	0.001	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.169	0.185	0.091	0.129	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.163	0.180	0.062	0.066	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.193	0.149	0.056	0.041	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.481	0.147	0.158	0.032	0.0	0.0	0.007	0.0	0.0	0.0	0.0	0.0
11	2.034	0.147	1.103	0.025	0.0	0.0	0.002	0.0	0.0	0.0	0.0	0.0
12	1.048	0.147	1.827	0.018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.629	0.135	0.921	0.012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.535	0.095	0.346	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.470	0.148	0.225	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.409	0.222	0.189	0.011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.392	0.215	0.258	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	0.327	0.255	0.226	0.010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.326	0.276	0.181	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.326	0.220	0.147	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.326	0.181	0.108	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.272	0.169	0.097	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.291	0.201	0.115	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.590	0.291	0.094	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.451	0.258	0.091	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	0.330	0.205	0.089	0.006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27	0.270	0.175	0.057	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	0.228	0.147	0.056	0.007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.037E
29	0.222	0.236	0.056	0.008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.222	0.045	0.008	0.0	0.0	0.0	0.168	0.0	0.0	0.0	0.0	0.0
31	0.214	0.033	0.0	0.0	0.0	0.0	0.003	0.0	0.0	0.0	0.0	0.008E
MEAN	0.4461	0.2138	0.2438	0.0270	0.0005	0.0	0.005E	0.0066	0.0	0.0	0.0	0.0014
INCHES	0.510	0.228	0.278	0.030	0.001	0.0	0.007	0.008	0.0	0.0	0.0	0.002
STA AV	0.510	0.228	0.278	0.030	0.001	0.0	0.007	0.008	0.0	0.0	0.0	0.002

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.035415. STA AV based on 1 yr (1968) record period.

1969 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.004	0.003E	0.174	1.071	0.033	0.607	0.0	0.175	0.006	0.085	0.013	0.007
2	0.003	0.003E	0.152	1.071	0.033	0.264	0.0	26.702E	0.006	0.216	0.013	0.010
3	0.003	0.003E	0.162	0.950	0.033	0.159	0.0	5.515E	0.006	0.171	0.017	0.009
4	0.001	0.003E	0.181	0.861	0.040	0.079	0.0	6.410	0.006	0.119	0.017	0.007
5	0.0	0.003E	0.171	1.306	0.033	0.061	0.0	3.272	0.006	0.054	0.015	0.007
6	0.0	0.003E	1.154	2.787	0.019	0.098	0.0	1.587	0.006	0.033	0.014	0.007
7	0.001	0.003	1.842	1.575	0.003	0.069	0.0	0.801	0.006	0.025	0.017	0.014
8	0.0	0.005	0.467	0.945	0.003	0.027	0.0	0.379	0.006	0.019	0.017	0.017
9	0.001	0.005	0.395	0.837	0.003	0.013	0.0	0.259	0.008	0.015	0.017	0.027
10	0.0	0.003	0.314	0.908	0.003	2.309E	0.0	0.255	0.019	0.019	0.017	0.761
11	0.0	0.003	0.271	0.917	0.003	7.752E	0.0	0.501	0.014	0.015	0.015	0.719
12	0.0	0.003	0.270	0.788	0.002	1.572	0.0	0.215	0.008	0.015	0.017	0.376
13	0.0	0.003	0.269	0.827	0.001	0.551	0.0	0.182	0.006	0.011	0.018	0.257
14	0.0	0.004	0.247	0.935	0.001	0.314	0.0	0.215	0.006	0.011	0.012	0.155
15	0.0	0.060	0.225	0.744	0.003	0.204	0.0	0.213	0.006	0.008	0.007	0.151
16	0.001E	0.010	0.353	0.559	0.801	0.157	0.0	0.181	0.005	0.006	0.007	0.120
17	0.003E	0.009	0.391	0.522	1.735	0.080	0.0	0.160	0.003	0.006	0.007	0.100
18	0.003E	0.010	7.491	0.692	1.145	0.037	0.0	0.075	0.003	0.006	0.007	0.089
19	0.003E	0.011	3.780	0.828	3.634	0.015	0.0	0.040	0.003	0.006	0.008	0.076
20	0.003E	0.012	2.045	0.566	1.716	0.009	0.0	0.021	0.003	0.006	0.007	0.076
21	0.003E	0.024	1.534	0.426	0.482	0.008	0.0	0.016	6.109	0.006	0.007	0.231
22	0.003E	0.085	1.301	0.368	0.216	0.006	0.0	0.014	3.883	0.005	0.009	1.287
23	0.003E	0.210	1.167	0.317	0.125	0.006	0.0	0.521	1.344	0.003	0.012	0.722
24	0.003E	0.214	6.327E	0.255	0.062	0.006	0.0	1.110	0.751	0.003	0.012	0.445
25	0.003E	0.181	3.018	0.200	0.042	0.006	0.0	0.241	0.453	0.003	0.012	0.548
26	0.003E	0.176	1.809	0.154	7.478E	0.006	0.0	0.079	0.228	0.003	0.014	1.473
27	0.003E	0.148	1.434	0.081	11.052E	0.005	0.0	0.025	0.134	0.003	0.012	0.873
28	0.003E	0.148	1.319	0.059	2.719	0.003	0.037	0.014	0.081	0.003	0.012	0.536
29	0.003E	1.248	0.062	1.293	0.003	0.116	0.008	0.008	0.056	0.003	0.012	0.400
30	0.003E	1.175	0.042	1.386	0.001	0.090	0.006	0.045	0.012	0.010	0.010	0.338
31	0.003E	1.117	1.117	2.425	0.432	0.432	0.006	0.012	0.012	0.012	0.012	0.341
MEAN	0.0019	0.0481	1.3484	0.7217	1.1794	0.4823	0.0218	1.7161	0.4406	0.0293	0.0125	0.3301
INCHES	0.002	0.050	1.540	0.798	1.347	0.533	0.025	1.960	0.487	0.033	0.014	0.377
STA AV	0.256	0.139	0.909	0.414	0.674	0.267	0.016	0.584	0.244	0.017	0.007	0.185

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.035415. STA AV based on 2 yr (1968-69) record period.



1970	MEAN DAILY DISCHARGE (cfs)					TIFTON, GEORGIA LITTLE RIVER WATERSHED #						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.584	0.678	0.662	4.141	0.229	2.401	0.427	0.349	0.711	0.017	0.116	0.078
2	0.581	2.472	0.609	4.192	0.170	2.642	0.293	0.459	0.686	0.016	0.100	0.076
3	0.467	3.306	0.574	3.087	0.221	1.843	0.210	0.268	0.488	0.015	0.084	0.076
4	0.374	1.553	0.837	2.401	1.125	17.048	0.407	0.150	0.396	0.011	0.070	0.070
5	0.316	1.041	4.469	2.333	0.866	4.402	0.257	0.101	0.333	0.010	0.059	0.062
6	1.555	0.551	1.755	2.456	0.435	2.182	0.160	0.306	0.298	0.007	0.051	0.051
7	1.874	0.893	1.123	1.868	0.238	1.573	0.075	4.054	0.277	0.010	0.046	0.047
8	0.915	0.848	2.245	1.577	0.140	1.318	0.044	1.531	0.219	0.010	0.040	0.049
9	0.623	0.874	3.445	1.480	0.092	1.052	0.036	2.667	0.175	0.009	0.032	0.045
10	0.539	0.825	1.567	1.437	0.060	0.560	0.032	2.710	0.155	0.010	0.589	0.044
11	0.595	0.767	1.248	1.418	0.040	0.879	0.066	3.323	0.167	0.006	0.771	0.040
12	0.857	0.712	2.062	1.857	0.027	0.764	0.635	1.545	0.160	0.005	0.435	0.071
13	0.777	0.671	1.430	1.779	0.021	0.758	0.403	1.016	0.138	0.003	0.277	0.175
14	0.626	0.662	1.121	1.387	0.018	1.129	0.170	0.727	0.115	0.001	0.247	0.149
15	0.622	0.621	0.580	1.061	0.017	0.565	0.052	0.535	0.095	0.001	0.303	0.128
16	0.674	2.483	0.857	0.941	0.016	0.807	0.002	0.443	0.088	0.0	0.237	1.668
17	0.670	2.959	0.839	0.894	0.017	0.606	0.023	0.434	0.081	0.0	0.178	1.935
18	0.632	1.806	0.928	0.830	0.016	0.451	0.008	0.322	0.065	0.0	0.154	0.820
19	0.566	1.195	0.954	0.774	0.014	0.330	0.0	0.236	0.049	0.0	0.142	0.459
20	0.539	0.950	4.773	2.064	0.012	0.218	0.0	0.181	0.036	0.0	0.122	0.332
21	0.482	0.797	10.171	1.225	0.010	0.141	0.0	0.158	0.027	0.005	0.105	0.276
22	0.444	0.724	5.266	0.758	0.008	0.606	0.025	0.137	0.021	0.006	0.090	0.245
23	0.494	0.723	3.008	0.583	0.006	1.470	0.235	0.839	0.020	0.003	0.050	0.233
24	0.558	0.723	2.275	0.476	0.003	2.337	1.897	4.742	0.018	0.123	0.677	0.213
25	0.545	1.172	1.910	0.425	0.016	1.138	5.355	3.354	0.019	2.041	0.676	0.207
26	0.500	1.576	1.770	0.436	0.178	1.270	8.539	6.224	0.019	0.798	0.084	0.215
27	0.467	0.984	1.565	0.608	0.927	3.152	4.855	4.319	0.017	0.345	0.096	0.155
28	0.427	0.766	4.436	0.540	8.625	5.517	1.320	1.6992	0.017	0.183	0.055	0.190
29	0.433	3.603	0.397	14.500	0.154	0.934	1.250E	0.017	0.132	0.090	1.750	
30	1.632	15.357	0.310	6.703	0.641	0.630	0.914E	0.017	0.141	0.050	2.558	
31	1.052	26.477		5.471		0.403	0.710E		0.131		2.856	
MEAN	0.6926	1.2047	3.7519	1.4577	1.2981	1.9596	0.8886	1.4742	0.1644	0.1302	0.1649	0.4572
INCHES	0.791	1.243	4.285	1.611	1.483	2.210	1.015	1.684	0.182	0.149	0.182	0.568
STA AV	0.434	0.507	2.035	0.813	0.544	0.514	0.345	1.217	0.223	0.061	0.065	0.316

NOTES: To convert runoff in CPS to IN/DAY, multiply by 0.035415. STA AV based on 3 yr (1968-70) record period.

1971	MEAN DAILY DISCHARGE (cfs)					TIFTON, GEORGIA LITTLE RIVER WATERSHED #						
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	1.553	1.203	5.487	1.704	3.001	0.031	0.055	1.102	0.277	0.0	0.0	0.0
2	0.905	0.950	12.210	3.176	1.350	0.021	0.043	0.392	0.152	0.0	0.0	0.0
3	0.747	0.893	47.502E	2.867	1.339	0.020	0.378	0.178	0.094	0.0	0.0	0.549
4	0.772	0.872	5.458	1.759	0.957	0.016	0.535	0.079	0.069	0.0	0.0	1.420
5	2.771	2.780	3.486	5.232	0.726	0.012	0.810	0.127	0.052	0.0	0.0	0.746
6	1.603	2.249	3.027	4.805	0.601	0.013	0.365	0.081	0.036	0.0	0.0	0.572
7	1.017	11.053	2.974	2.443	0.514	0.012	0.170	0.036	0.028	0.0	0.0	0.641
8	2.510	7.413	2.461	1.980	0.978	0.010	0.435	0.020	0.028	0.0	0.0	0.763
9	6.215	3.292	2.182	1.706	1.600	0.011	0.249	5.367	0.028	0.0	0.0	0.593
10	2.176	2.264	2.373	1.514	0.865	0.009	0.091	2.736	0.030	0.0	0.0	0.452
11	1.687	2.045	2.413	1.416	0.624	0.008	0.537	1.621	0.031	0.0	0.0	0.417
12	1.511	2.046	2.012	1.276	0.855	0.008	0.389	1.287	0.026	0.0	0.0	0.603
13	1.400	3.339	2.181	1.173	3.160	0.006	0.195	0.555	0.020	0.0	0.0	0.667
14	1.302	2.128	2.785	1.065	1.095	0.005	0.107	0.293	0.019	0.0	0.0	0.538
15	1.436	1.760	2.277	0.968	3.426	0.003	0.424	0.162	0.016	0.0	0.0	0.421
16	1.423	1.625	2.270	0.923	2.621	0.006	0.879	0.112	0.015	0.0	0.0	0.362
17	1.180	1.518	1.623	0.865	1.163	0.008	0.382	0.158	0.014	0.0	0.0	0.326
18	1.108	1.431	1.422	0.762	0.763	0.012	0.162	0.222	0.014	0.0	0.0	0.334
19	1.040	1.373	2.096	0.681	0.589	0.010	0.064	0.160	0.010	0.0	0.0	0.319
20	0.954	4.852	1.990	0.625	0.504	0.007	0.030	0.087	0.003	0.0	0.0	6.703
21	0.954	3.911	1.395	0.588	0.584	0.006	0.027	0.049	0.0	0.0	0.0	4.197
22	0.973	2.778	1.311	0.602	0.479	0.009	0.023	0.032	0.0	0.0	0.0	1.742
23	1.095	2.678	2.257	0.562	0.349	0.005	0.024	0.028	0.0	0.0	0.0	1.268
24	1.275	1.721	1.669	1.132	0.268	0.001	0.019	0.036	0.0	0.0	0.0	1.155
25	1.719	1.537	1.427	0.853	0.205	0.0	0.019	0.139	0.0	0.0	0.0	1.152
26	3.425	1.543	12.591	0.537	0.190	0.0	0.020	0.616	0.0	0.0	0.0	1.131
27	1.450	2.769	2.993	0.423	0.149	0.0	0.023	0.439	0.0	0.0	0.0	1.081
28	1.049	4.369	2.249	0.468	0.118	0.0	0.023	0.230	0.0	0.0	0.0	1.018
29	0.971	4.599	0.641	0.641	0.106	0.086	0.024	0.214	0.0	0.0	0.0	1.014
30	1.518	3.420	9.933	0.085	0.040	0.0	0.027	1.667	0.0	0.0	0.0	0.954
31	1.925	2.012		0.053			0.548	0.642		0.0		0.954
MEAN	1.6020	2.7281	4.7787	1.7557	0.9469	0.0125	0.2413	0.6087	0.0320	0.0	0.0	1.0352
INCHES	1.830	2.814	5.458	1.941	1.082	0.014	0.276	0.695	0.035	0.0	0.0	1.182
STA AV	0.783	1.084	2.891	1.095	0.978	0.689	0.331	1.087	0.176	0.046	0.049	0.532

NOTES: To convert runoff in CPS to IN/DAY, multiply by 0.035415. STA AV based on 4 yr (1968-71) record period.



1972 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED N												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.926	4.111	1.427	2.766	0.069	0.003	0.904	0.0	0.0	0.0	0.0	0.0
2	1.507	6.598	1.575	1.966	0.054	0.0	0.957	0.0	0.0	0.0	0.0	0.0
3	1.933	9.133	2.742	1.661	0.041	0.0	0.786	0.0	0.0	0.0	0.0	0.0
4	1.244	3.685	1.605	1.522	0.027	0.0	0.535	0.0	0.0	0.0	0.0	0.0
5	3.821	2.507	1.530	1.455	0.020	0.0	1.034	0.0	0.0	0.0	0.0	0.0
6	2.164	2.315	1.416	1.359	0.018	0.0	3.897	0.0	0.0	0.0	0.0	0.0
7	1.301	7.124	1.118	1.265	0.021	0.0	1.263	0.0	0.0	0.0	0.0	0.0
8	1.103	3.101	1.482	1.297	0.444	0.0	0.726	0.0	0.0	0.0	0.0	0.0
9	1.052	2.348	1.593	1.135	0.849	0.0	0.485	0.0	0.0	0.0	0.0	0.0
10	1.561	2.066	1.105	0.994	0.327	0.0	0.340	0.0	0.0	0.0	0.0	0.0
11	6.154	1.912	0.974	0.947	0.142	0.0	0.256	0.0	0.0	0.0	0.0	0.0
12	5.613	2.679	0.898	0.893	0.062	0.0	0.151	0.0	0.0	0.0	0.0	0.0
13	3.768	4.405	0.877	0.877	0.226	0.0	0.126	0.0	0.0	0.0	0.0	0.0
14	4.885	2.319	0.657	0.753	1.024	0.0	0.075	0.0	0.0	0.0	0.0	0.0
15	2.338	2.098	0.893	0.627	0.501	0.0	0.053	0.0	0.0	0.0	0.0	0.0
16	1.751	3.359	2.671	0.518	0.221	0.0	0.037	0.0	0.0	0.0	0.0	0.0
17	1.653	4.084	2.209	0.436	0.093	0.0	0.033	0.0	0.0	0.0	0.0	0.0
18	1.703	2.554	1.360	0.383	0.045	0.0	0.026	0.0	0.0	0.0	0.0	0.0
19	1.703	1.952	1.103	0.326	0.027	0.104	0.025	0.0	0.0	0.0	0.0	0.0
20	1.618	1.616	1.005	0.287	0.022	3.717	0.023	0.0	0.0	0.0	0.0	0.0
21	1.675	1.533	0.886	0.240	0.020	2.572	0.022	0.0	0.0	0.0	0.0	0.0
22	2.072	1.533	0.949	0.490	0.020	0.550	0.021	0.0	0.0	0.0	0.0	0.0
23	2.649	1.603	0.843	1.128	0.018	0.150	0.022	0.0	0.0	0.0	0.0	0.0
24	1.778	1.613	0.676	0.606	0.016	0.073	0.020	0.0	0.0	0.0	0.0	0.0
25	1.518	1.537	0.686	0.374	0.015	8.403	0.015	0.0	0.0	0.0	0.0	0.0
26	1.349	1.710	0.808	0.238	0.011	5.009	0.013	0.0	0.0	0.0	0.0	0.0
27	1.223	2.826	0.720	0.172	0.014	5.670	0.011	0.0	0.0	0.0	0.0	0.0
28	1.223	2.164	1.356	0.128	0.013	4.234	0.007	0.0	0.0	0.0	0.0	0.0
29	1.570	1.611	1.939	0.101	0.013	1.649	0.0	0.0	0.0	0.0	0.0	0.0
30	3.266		6.577	0.085	0.014	1.572	0.0	0.0	0.0	0.0	0.0	0.0
31	2.216		5.844		0.010		0.0	0.0	0.0	0.0		0.0
MEAN	2.2043	2.9686	1.7652	0.8343	0.1415	1.1328	0.3642	0.0	0.0	0.0	0.0	0.0
INCHES	2.516	3.172	2.016	0.922	0.162	1.252	0.435	0.0	0.0	0.0	0.0	0.0
STA AV	1.130	1.501	2.716	1.060	0.815	0.802	0.352	0.869	0.141	0.036	0.039	0.426

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.035419. STA AV based on 5 yr (1968-72) record period.

1973 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED N												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.027	1.651	1.384	12.323	1.404	0.530	0.929	2.990	0.023	0.0	0.0	0.0
2	0.074	14.619	1.388	3.376	1.269	0.424	0.629	0.572	0.077	0.0	0.0	0.0
3	0.047	3.652	1.745	6.028	1.202	0.333	0.488	2.072	0.056	0.0	0.0	0.0
4	0.061	2.440	1.722	5.150	1.055	0.229	0.379	3.702	0.028	0.0	0.0	0.0
5	0.062	2.103	1.452	2.799	0.900	0.158	0.282	4.321	0.024	0.0	0.0	0.0
6	0.062	1.979	1.373	2.183	0.778	1.552	0.220	1.209	0.023	0.0	0.0	0.0
7	0.071	1.871	1.373	11.150	0.786	4.207	0.170	2.593	0.022	0.0	0.0	0.0
8	0.560	2.282	1.357	7.644	2.140	4.148	8.175	1.856	0.021	0.0	0.0	0.0
9	1.604	12.530	1.380	3.219	3.409	4.052	11.485	0.826	0.020	0.0	0.0	0.0
10	1.191	11.181	1.501	2.455	1.385	2.313	2.268	0.521	0.016	0.0	0.0	0.0
11	1.084	4.563	1.352	2.013	0.878	4.481	1.254	0.355	0.016	0.0	0.0	0.0
12	1.011	3.870	1.761	1.871	0.652	2.452	0.942	0.255	0.015	0.0	0.0	0.0
13	0.894	3.347	1.818	1.714	0.530	2.451	1.296	0.198	0.014	0.0	0.0	0.0
14	0.834	9.383	1.281	1.531	0.431	1.487	3.862	0.161	0.013	0.0	0.0	0.0
15	0.834	7.535	1.056	1.449	0.375	1.100	2.572	0.171	0.013	0.0	0.0	0.0
16	0.792	3.271	0.988	1.376	0.301	1.007	1.138	0.186	0.005	0.0	0.0	0.0
17	0.777	2.637	4.147	1.341	0.259	1.050	0.910	0.236	0.001	0.0	0.0	0.0
18	0.777	2.437	1.836	1.252	0.217	3.516	0.757	0.206	0.0	0.0	0.0	0.0
19	2.341	2.239	1.152	1.195	0.183	1.279	1.035	0.526	0.0	0.0	0.0	0.0
20	1.892	2.043	1.102	1.068	0.190	0.543	0.698	0.411	0.0	0.0	0.0	0.0
21	1.157	1.926	1.433	0.937	0.203	0.513	0.421	0.198	0.0	0.0	0.0	0.0
22	4.198	1.870	1.109	0.815	0.181	0.717	0.270	0.094	0.0	0.0	0.0	0.0
23	2.209	1.768	0.888	0.729	0.168	5.716	0.182	0.050	0.0	0.0	0.0	0.0
24	1.398	1.640	0.789	0.671	0.130	1.545	0.110	0.035	0.0	0.0	0.0	0.0
25	1.170	1.555	4.561	1.839	0.114	0.785	0.098	0.027	0.0	0.0	0.0	0.0
26	1.879	1.661	2.843	18.786	0.571	0.603	0.149	0.027	0.0	0.0	0.0	0.0
27	3.241	1.683	1.473	6.649	3.397	0.465	0.514	0.028	0.0	0.0	0.0	0.0
28	2.706	1.502	1.161	2.860	1.057	1.343	1.212	0.027	0.0	0.0	0.0	0.0
29	2.618		2.479	1.976	1.757	11.626	0.585	0.023	0.0	0.0	0.0	0.0
30	1.580		3.026	1.636	1.870	1.723	0.278	0.019	0.0	0.0	0.0	0.0
31	1.359		11.092		0.850		2.826	0.022	0.0	0.0		0.0
MEAN	1.2422	3.9012	2.0005	3.6005	0.9239	2.1070	1.4883	0.7857	0.0128	0.0	0.0	0.0
INCHES	1.419	4.025	2.285	3.980	1.055	2.329	1.700	0.897	0.014	0.0	0.0	0.0
STA AV	1.176	1.922	2.644	1.547	0.855	1.056	0.577	0.874	0.120	0.030	0.033	0.355

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.035419. STA AV based on 6 yr (1968-73) record period.

1974 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.095	0.808	1.660	1.501	0.111	0.017	0.028	0.016	0.008	0.021	0.0	0.0
2	0.033	0.959E	1.558	3.850	0.084	0.222	0.026	0.015	0.001	0.014	0.0	0.0
3	0.018	1.295E	1.501	3.111	0.071	0.350	0.171	0.013	0.0	0.005	0.0	0.0
4	0.014	1.065E	1.413	2.695	0.052	0.243	0.542	0.015	0.0	0.001	0.0	0.0
5	0.012	0.691E	1.286	14.310	0.057	0.556	0.267	0.043	0.0	0.0	0.0	0.0
6	0.016	1.167E	1.223	2.784	0.148	1.575	0.124	0.394	0.037	0.0	0.0	0.0
7	0.015	16.498E	1.162	1.544	0.140	0.560	0.065	0.631	0.357	0.0	0.0	0.0
8	0.015	5.577E	1.060	2.421	0.082	0.230	0.040	0.678	0.576	0.0	0.0	0.0
9	0.017	2.867	1.016	3.888	0.044	0.115	0.027	0.247	0.484	0.0	0.0	0.0
10	0.017	2.038	0.953	1.944	0.025	0.053	0.023	0.126	0.373	0.0	0.0	0.0
11	0.223	1.791	0.882	1.502	0.187	0.255	0.020	0.066	0.205	0.0	0.0	0.0
12	1.169	1.611	0.834	1.363	2.158	0.144	0.017	0.043	0.053	0.0	0.0	0.0
13	0.806	1.533	0.774	1.592	0.861	0.058	0.014	0.031	0.047	0.0	0.0	0.0
14	0.489	1.512	0.693	1.704	0.305	4.652	0.014	0.026	0.035	0.0	0.0	0.0
15	0.402	1.469	0.671	1.562	0.159	3.311	0.010	0.023	0.042	0.0	0.0	0.0
16	0.369	17.587	0.821	1.856	0.253	0.846	0.008	0.023	0.037	0.0	0.0	0.0
17	0.372	4.112	0.872	1.186	0.254	0.363	0.004	0.024	0.047	0.0	0.0	0.0
18	0.388	2.570	0.700	0.935	0.150	0.152	0.002	0.026	0.036	0.0	0.0	0.0
19	0.406	8.110	0.675	0.797	0.087	0.108	0.0	0.030	0.037	0.0	0.0	0.0
20	0.419	8.314	1.380	0.677	0.051	0.071	0.012	0.029	0.032	0.0	0.0	0.0
21	0.662	2.572	3.026	0.586	0.033	0.377	0.021	0.035	0.034	0.0	0.0	0.0
22	0.650	3.520	2.051	0.560	0.027	1.400	0.015	0.042	0.039	0.0	0.0	0.0
23	0.510	2.644E	1.042	0.647	0.115	0.545	0.009	0.040	0.036	0.0	0.0	0.005
24	0.434	2.076E	0.852	0.555	0.391	0.255	0.004	0.038	0.025	0.0	0.0	0.013
25	0.406	1.979E	1.239	0.445	0.171	0.133	0.010	0.038	0.017	0.0	0.0	0.016
26	0.375	1.885E	1.618	0.353	0.067	0.074	0.092	0.035	0.025	0.0	0.0	0.014
27	0.363	1.793E	1.687	0.301	0.047	0.054	0.024	0.026	0.031	0.0	0.0	0.015
28	0.351	1.703E	2.582	0.237	0.043	0.051	0.020	0.023	0.037	0.0	0.0	0.017
29	0.461	17.844	0.182	0.031	0.034	0.015	0.010	0.010	0.028	0.0	0.0	0.017
30	1.437	3.605	0.152	0.020	0.028	0.012	0.007	0.027	0.0	0.0	0.0	0.015
31	1.143	1.899	0.018	0.018	0.018	0.011	0.010	0.010	0.0	0.0	0.0	0.012
MEAN	0.3895	3.4193	1.9025	1.8557	0.2014	0.5666	0.0531	0.0504	0.0917	0.0013	0.0	0.0040
INCHES	0.4485	3.528	2.173	2.051	0.230	0.626	0.061	0.103	0.101	0.002	0.0	0.005
STA AV	1.074	2.151	2.577	1.619	0.766	0.995	0.503	0.764	0.117	0.026	0.028	0.305

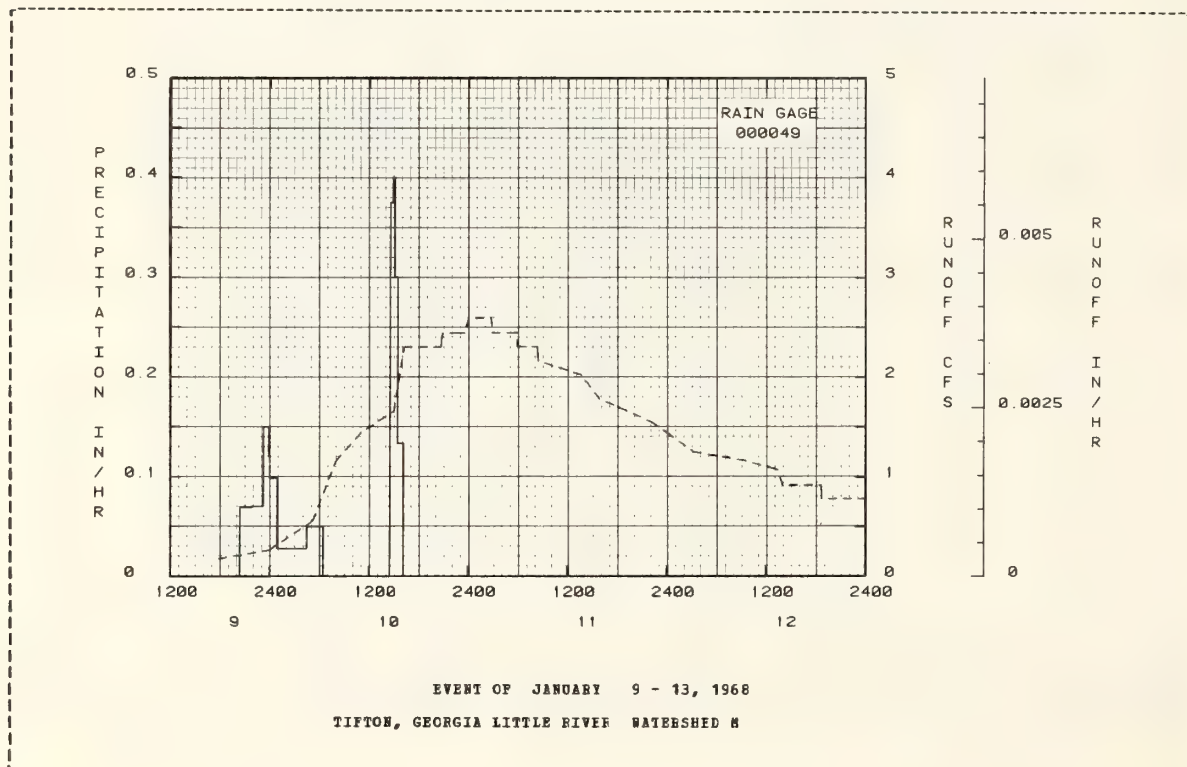
NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.035415. STA AV based on 7 yr (1968-74) record period.

1975 MEAN DAILY DISCHARGE (cfs) TIFTON, GEORGIA LITTLE RIVER WATERSHED #												
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	0.013	0.834	1.129	2.749	1.489	2.816	0.024	6.080	0.063	0.0	0.0	0.0
2	0.011	0.849	1.612	2.357	1.172	0.848	0.021	9.552	0.040	0.0	0.0	0.0
3	0.008	1.896	1.211	1.864	0.962	0.522	0.015	1.886	0.027	0.0	0.0	0.0
4	0.014	1.802	1.035	1.394	0.876	0.304	0.011	1.269	0.023	0.0	0.0	0.0
5	0.011	1.383	1.018	1.135	0.720	0.165	0.014	1.133	0.021	0.0	0.0	0.0
6	0.012	1.242	0.996	1.031	0.629	0.088	0.016	1.042	0.023	0.0	0.0	0.0
7	0.012	1.020	0.962	0.941	0.738	0.051	0.011	1.253	0.023	0.0	0.0	0.0
8	0.023	0.863	1.206	0.891	1.275	0.033	0.010	2.306	0.023	0.0	0.0	0.0
9	0.043	0.833	0.996	1.124	0.979	0.051	0.015	3.179	0.019	0.0	0.0	0.0
10	0.094	0.778	0.832	14.505	0.721	0.244	0.011	1.188	0.012	0.0	0.0	0.0
11	0.158	0.832	0.808	6.475	0.629	1.049	8.710	0.993	0.013	0.0	0.0	0.0
12	1.092	0.913	0.831	2.671	0.467	2.781	2.617	0.542	0.010	0.0	0.0	0.0
13	2.698	0.980	0.777	1.910	0.483	1.980	0.932	0.775	0.008	0.0	0.0	0.0
14	1.069	0.780	1.260	31.839	0.715	0.640	1.446	0.575	0.002	0.0	0.0	0.0
15	0.693	0.665	1.163	12.180	2.671	0.400	2.588	0.416	0.0	0.0	0.0	0.0
16	0.588	0.710	15.303	3.643	2.433	0.413	2.564	0.303	0.0	0.0	0.0	0.0
17	0.530	2.261	3.946	2.795	3.160	0.271	6.081	0.241	0.0	0.0	0.0	0.0
18	0.531	2.309	15.589	2.296	1.545	0.169	3.292	0.206	0.0	0.0	0.0	0.0
19	0.668	3.360	7.650	1.990	0.824	0.219	2.004	0.195	0.0	0.0	0.0	0.017
20	1.443	2.570	3.246	2.449	0.534	0.134	1.117	0.346	0.0	0.0	0.0	0.030
21	1.239	1.403	2.540	1.836	0.382	0.067	2.510	0.244	0.0	0.0	0.0	0.030
22	0.906	2.983	2.194	1.493	0.318	0.039	4.202	0.432	0.0	0.0	0.0	0.035
23	1.674	2.753	2.149	1.371	0.243	0.026	1.366	0.286	0.0	0.0	0.0	0.031
24	2.295	2.661	3.061	1.285	0.178	0.022	0.945	0.146	0.0	0.0	0.0	0.033
25	2.467	1.774	5.183	1.203	0.131	0.022	0.654	0.080	0.0	0.0	0.0	0.040
26	2.057	1.299	2.153	1.110	0.134	0.026	0.525	0.042	0.0	0.0	0.0	0.333
27	1.260	1.196	1.763	1.202	0.310	0.025	0.542	0.028	0.0	0.0	0.0	0.314
28	1.049	1.127	1.668	1.857	0.212	0.020	0.980	0.040	0.0	0.0	0.0	0.186
29	0.989	1.648	1.151	0.143	0.023	0.023	1.925	0.065	0.0	0.0	0.0	0.137
30	0.940	1.873	1.042	0.146	0.022	0.022	1.466	0.114	0.0	0.0	0.0	0.151
31	0.890	2.310	0.686	0.686	0.686	0.686	1.563	0.098	0.0	0.0	0.0	0.713
MEAN	0.821E	1.5026	2.8550	3.6555	0.8356	0.4490	1.5540	1.1565	0.0102	0.0	0.0	0.0662
INCHES	0.935	1.550	3.261	4.045	0.954	0.496	1.775	1.321	0.011	0.0	0.0	0.076
STA AV	1.057	2.076	2.662	1.922	0.789	0.933	0.662	0.834	0.104	0.023	0.025	0.276

NOTES: To convert runoff in CFS to IN/DAY, multiply by 0.035415. STA AV based on 8 yr (1968-75) record period.

1968 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED #								
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF				
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)	
EVENT OF JANUARY 9 - 13, 1968											
RG 000049			RG 000049								
1- 5	0.0	0.011	1- 9	2024	0.0	0.0	1- 9	1755	0.161	0.0	
				2150	0.0698	0.10		2400	0.270	0.0003	
				2315	0.0706	0.20	1-10	515	0.555	0.0011	
				2355	0.1500	0.30		800	1.157	0.0014	
				2400	0.1200	0.31		1100	1.444	0.0016	
WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 6.7%; forest, 46.5.			1-10	55	0.0582	0.40		1500	1.661	0.0077	
				430	0.0279	0.50		1615	2.296	0.0082	
				630	0.0500	0.60		2040	2.256	0.0232	
				1434	0.0	0.60		2050	2.440	0.0236	
				1450	0.3750	0.70		2330	2.440	0.0334	
				1505	0.4000	0.80		2400	2.591	0.0346	
				1525	0.3000	0.50	1-11	245	2.551	0.0452	
				1610	0.1333	1.00		250	2.440	0.0455	
								550	2.440	0.0563	
								555	2.296	0.0566	
								820	2.296	0.0648	
								825	2.156	0.0650	
								1340	2.025	0.0812	
								1550	1.777	0.0815	
								2205	1.550	0.0915	
							1-12	2400	1.444	0.0954	
								315	1.248	0.0956	
								935	1.157	0.1068	
								1325	1.071	0.1128	
								1400	0.918	0.1129	
								1840	0.918	0.1192	
								1845	0.782	0.1153	
								2400	0.782	0.1254	
			1-13	1425	0.663	0.1407		1425	0.663	0.1407	
				1510	0.559	0.1408		1510	0.559	0.1408	
								2400	0.559	0.1481	

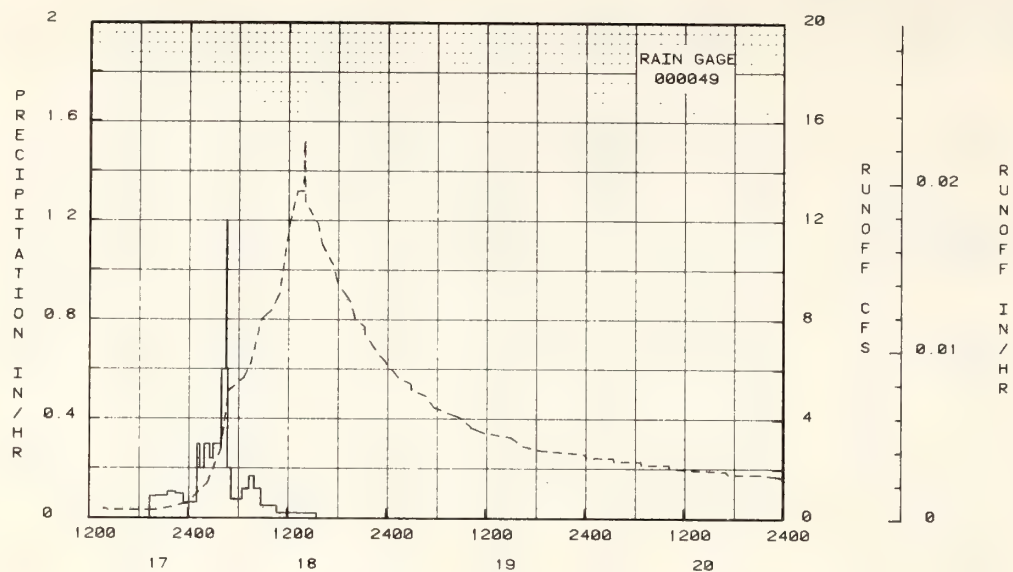
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.



1969			TIFTON, GEORGIA LITTLE RIVER WATERSHED							
SELECTED RUNOFF EVENT										
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF MARCH 17 - 20, 1969										
3-17	RG 000049 0.30	0.020	3-17	1924	0.0	0.0	3-17	1350	0.353	0.0
				2030	0.0509	0.10		1420	0.326	0.0000
				2135	0.0523	0.20		2015	0.326	0.0029
				2230	0.1091	0.30		2400	0.663	0.0041
				2330	0.1000	0.40	3-18	220	1.444	0.0044
WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 6.7%; forest, 40.5%.			3-18	2400	0.0600	0.45		355	2.747	0.0048
				105	0.0646	0.50		455	5.159	0.0106
				125	0.3000	0.60		640	5.666	0.0127
				155	0.2000	0.70		720	6.206	0.0187
				215	0.3000	0.80		850	8.035	0.0206
				235	0.3000	0.90		1000	8.371	0.0255
				300	0.2400	1.00		1100	9.073	0.0408
				320	0.3000	1.10		1210	11.845	0.0450
				340	0.3000	1.20		1305	13.192	0.0482
				400	0.3000	1.30		1350	13.152	0.0628
				410	0.6000	1.40		1355	15.144	0.0645
				420	0.6000	1.50		1400	12.732	0.0663
				430	0.6000	1.60		1535	11.845	0.0811
				435	1.2000	1.70		1605	11.001	0.0825
				445	0.6000	1.80		1725	10.200	0.0553
				515	0.2000	1.90		1800	5.439	0.0964
				635	0.0750	2.00		1930	8.717	0.1065
				725	0.1200	2.10		2005	8.035	0.1095
				800	0.1714	2.20		2115	7.707	0.1152
				850	0.1200	2.30		2120	7.389	0.1161
				1045	0.0522	2.40		2235	6.780	0.1170
				1535	0.0207	2.50		2400	6.206	0.1185
							3-19	120	5.666	0.1192
								255	5.409	0.1258
								300	5.159	0.1265
								445	4.518	0.1395
								545	4.458	0.1401
								900	4.025	0.1538
								1020	3.628	0.1543
								1150	3.439	0.1547
								1505	3.256	0.1707
								1635	2.910	0.1711
								1830	2.747	0.1715
								2400	2.591	0.1931
							3-20	15	2.440	0.1934
								330	2.440	0.2051
								335	2.256	0.2054
								650	2.256	0.2164
								655	2.158	0.2167
								1015	2.158	0.2273
								1020	2.025	0.2276
								1710	1.858	0.2474
								1725	1.777	0.2476

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.





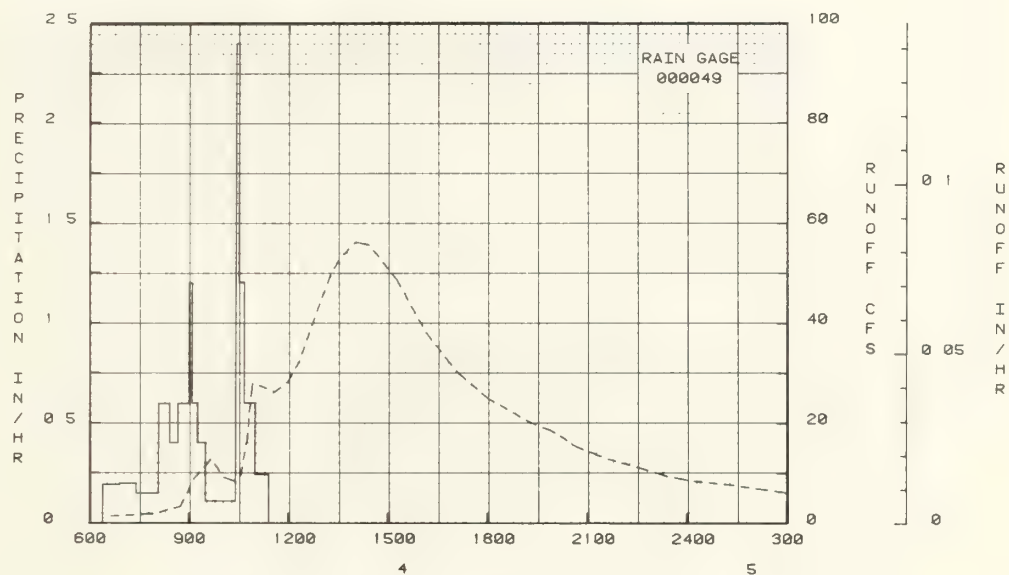
EVENT OF MARCH 17 - 20, 1965  
TIFTON, GEORGIA LITTLE RIVER WATERSHED #

1970 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED #							
ANTECEDENT CONDITIONS										
Date	Rainfall	Runoff	Date	Time	Rainfall	Acc.	Date	Time	Runoff	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF JUNE 4 - 5, 1970										
RG 000049			RG 000049							
6- 4	0.0	0.014	6- 4	624	0.0	0.0	6- 4	640	1.452	0.0
				655	0.1536	0.10		755	1.864	0.0014
				725	0.2000	0.20		845	3.401	0.0021
				805	0.1500	0.30		910	9.007	0.0031
				815	0.5599	0.40		940	12.757	0.0074
WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 0.7%; forest, 46.5%.				825	0.6000	0.50		1005	5.007	0.0142
				840	0.4000	0.60		1025	8.287	0.0151
				850	0.5599	0.70		1035	5.770	0.0174
				900	0.6000	0.60		1045	16.426	0.0206
				905	1.1999	0.50		1055	27.963	0.0238
				915	0.6000	1.00		1135	26.250	0.0303
				930	0.4000	1.10		1200	28.355	0.0471
				1025	0.1091	1.20		1220	32.473	0.0620
				1030	2.4000	1.40		1315	45.644	0.0738
				1035	1.2001	1.50		1330	52.549	0.0927
				1040	1.2001	1.60		1400	56.140	0.1064
				1050	0.5999	1.70		1425	55.534	0.1201
				1100	0.6000	1.80		1515	48.504	0.1261
				1125	0.2400	1.50		1610	37.808	0.1616
								1655	31.545	0.1655
								1710	29.728	0.1693
								1800	24.955	0.1724
								1915	20.252	0.1801
								2000	18.181	0.1823
								2040	15.324	0.1842
								2125	13.277	0.1859
								2250	10.577	0.1912
								2325	9.383	0.1924
								2400	8.642	0.1935
			6- 5	125				125	7.608	0.2021

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.

1970 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED #								
ANTECEDENT CONDITIONS			RAINFALL			FURCFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Date	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF JUNE 4 - 5, 1970 (CONTINUED)											
							6-5	225	6.664	0.2025	
								325	6.063	0.2037	
								445	5.538	0.2044	
								710	5.028	0.2171	
								825	4.551	0.2176	
								1145	4.108	0.2316	

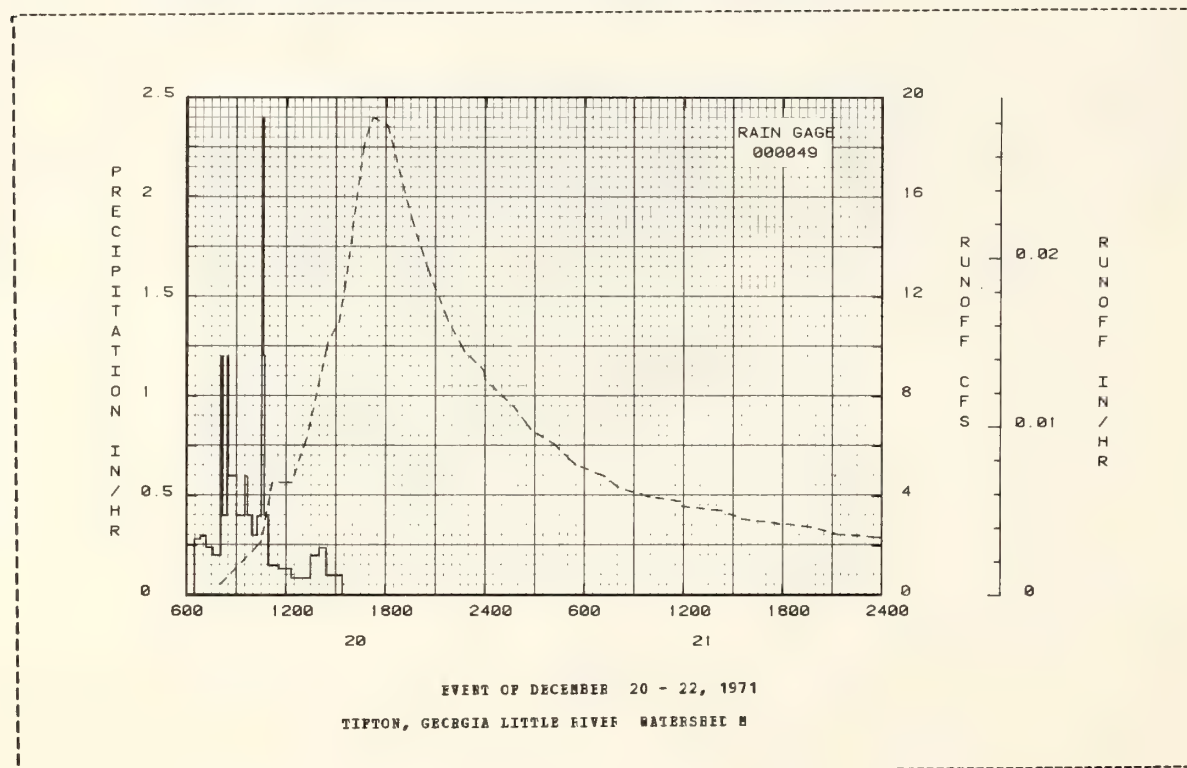
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.



EVENT OF JUNE 4 - 5, 1970  
TIPTON, GEORGIA LITTLE RIVER WATERSHED #

1971 SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED #							
ANTECEDENT CONDITIONS			FAINFALL				RUNOFF			
Date	Fainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF DECEMBER 20 - 22, 1971										
RG 000049			FG 000049							
12-20	0.0	0.016	12-20	629	0.0	0.0	12-20	805	0.485	0.0
				650	0.2857	0.10		1030	2.180	0.0003
				710	0.3000	0.20		1110	4.552	0.0013
				735	0.2400	0.30		1220	4.552	0.0051
				805	0.2000	0.40		1315	6.365	0.0127
WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 0.7%; forest, 46.5.				810	1.2001	0.50		1430	10.168	0.0174
				825	0.4000	0.60		1510	10.998	0.0228
				830	1.1559	0.70		1530	12.329	0.0265
				840	0.6000	0.80		1640	18.181	0.0329
				850	0.5599	0.50		1710	15.189	0.0376
				900	0.6000	1.00		1805	18.828	0.0445
				915	0.4000	1.10		1900	16.426	0.0466
				930	0.4000	1.20		1940	14.753	0.0484
				940	0.6000	1.30		2040	12.797	0.0500
				955	0.4000	1.40		2145	10.958	0.0514
				1015	0.3000	1.50		2245	5.770	0.0526
				1030	0.4000	1.60		2355	9.007	0.0617
				1035	2.4000	1.80		2400	8.642	0.0628
				1040	1.1999	1.90	12-21	140	7.608	0.0723
				1055	0.4000	2.00		245	6.664	0.0732
				1135	0.1500	2.10		410	6.083	0.0765
				1220	0.1333	2.20		525	5.278	0.0776
				1330	0.0857	2.30		715	4.785	0.0817
				1400	0.2000	2.40		805	4.326	0.0823
				1425	0.2400	2.50		955	3.959	0.0828
				1525	0.1000	2.60		1150	3.767	0.0875
								1155	3.581	0.0883
								1420	3.402	0.1008
								1535	3.061	0.1012
								1945	2.745	0.1130
								2120	2.451	0.1133
								2400	2.313	0.1172
							12-22	205	2.076	0.1175
								545	1.885	0.1177
								1025	1.753	0.1304
								1325	1.617	0.1306

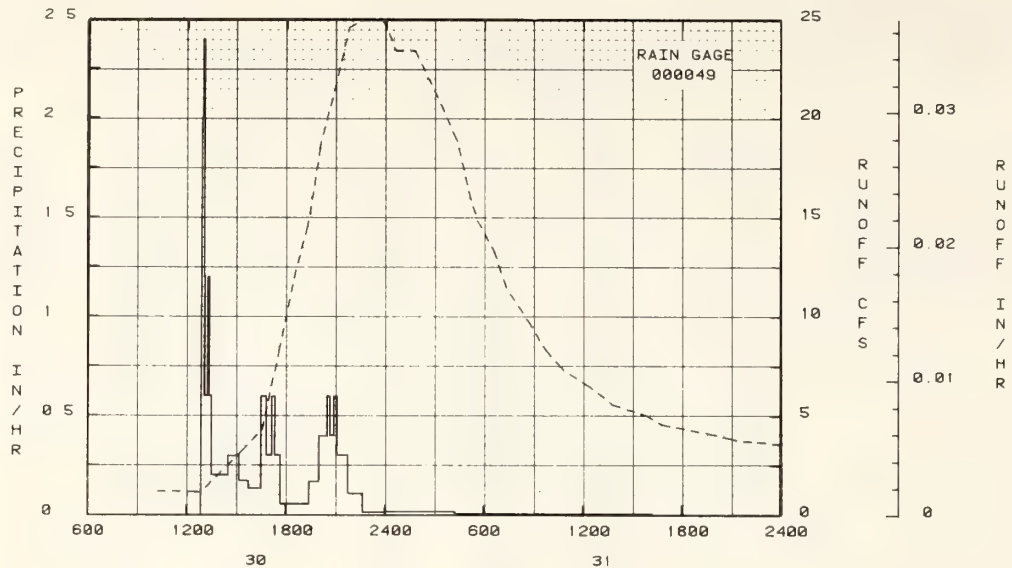
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.



1972			TIFTON, GEORGIA LITTLE RIVER WATERSHED #									
SELECTED FURCFF EVENT												
ANTECEDENT CONDITIONS												
Date	Rainfall	Furcff	Date	Time	Intensity	Acc.	Date	Time	Furcff	Date	Time	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	Mo-Day	of Day	(inches)
EVENT OF MARCH 30 - APRIL 1, 1972												
FG 000049			FG 000049									
3-30	0.50	0.136	3-30	1252	0.0	0.0	3-30	1015	1.223	0.0		
				1255	2.0000	0.10		1250	1.152	0.0043		
				1300	2.4000	0.30		1520	3.228	0.0050		
				1305	1.2000	0.40		1635	4.326	0.0055		
				1315	0.6000	0.50		1735	8.287	0.0075		
WATERSHED CONDITIONS:				1320	1.2000	0.60		1835	12.329	0.0132		
Crops, 42.2%; pasture,				1330	0.6000	0.70		1920	14.753	0.0168		
10.6%; roads, 6.7%;				1400	0.2000	0.80		2005	18.828	0.0256		
forest, 46.5%.				1430	0.2000	0.90		2100	21.808	0.0283		
				1450	0.3000	1.00		2145	24.569	0.0313		
				1510	0.3000	1.10		2245	24.959	0.0405		
				1545	0.1714	1.20		2340	24.559	0.0467		
				1630	0.1333	1.30		2400	24.585	0.0557		
				1640	0.6000	1.40	3-31	35	23.378	0.0566		
				1650	0.6000	1.50		145	23.378	0.0531		
				1710	0.3000	1.60		320	20.666	0.1008		
				1720	0.6000	1.70		420	18.828	0.1031		
				1740	0.3000	1.80		510	15.866	0.1051		
				1525	0.0571	1.90		535	14.753	0.1070		
				2000	0.1714	2.00		635	13.277	0.1086		
				2015	0.4000	2.10		720	11.430	0.1100		
				2030	0.4000	2.20		840	9.770	0.1124		
				2040	0.6000	2.30		945	8.287	0.1135		
				2055	0.4000	2.40		1050	7.284	0.1144		
				2105	0.5599	2.50		1235	6.369	0.1224		
				2125	0.3000	2.60		1350	5.536	0.1231		
				2145	0.3000	2.70		1550	5.026	0.1332		
				2240	0.1091	2.80		1650	4.551	0.1338		
				2400	0.0150	2.82		1940	4.108	0.1463		
			3-31	415	0.0188	2.90		2120	3.767	0.1467		
				1615	0.0083	3.00		2400	3.581	0.1538		
							4- 1	210	3.401	0.1650		
								215	3.228	0.1654		
								420	3.228	0.1753		
								425	3.061	0.1757		
								650	3.061	0.1866		
								655	2.900	0.1870		
								1345	2.745	0.2154		
								1350	2.595	0.2158		
								1650	2.595	0.2272		
								1655	2.451	0.2276		
								1935	2.451	0.2372		
								1940	2.313	0.2375		
								2400	2.160	0.2519		

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.





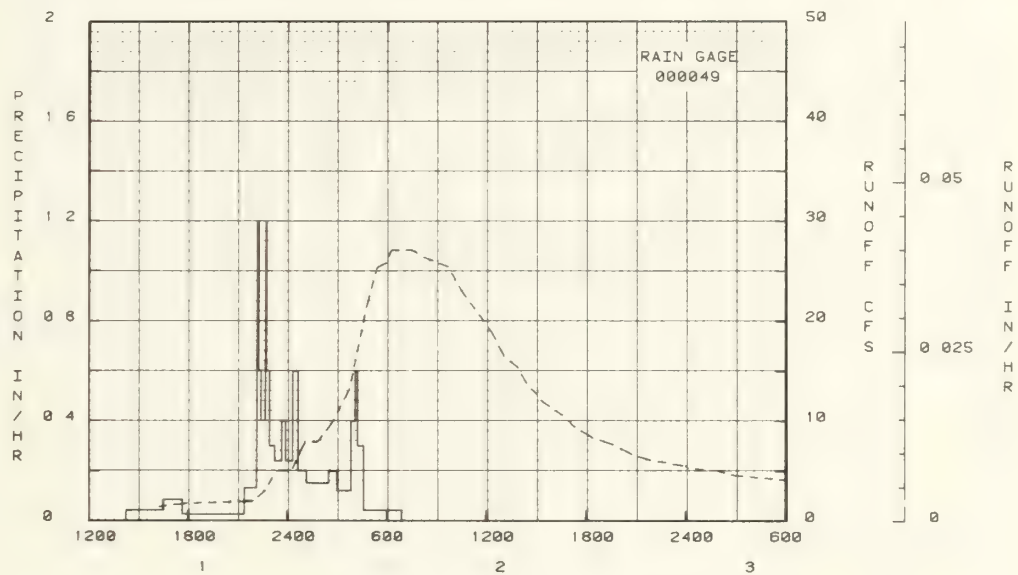
EVENT OF MARCH 30 - APRIL 1, 1972  
TIFTON, GEORGIA LITTLE RIVER WATERSHED #

1973 SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED #							
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF FEBRUARY 1 - 3, 1973										
EG 000049			EG 000049							
2- 1	0.10	0.032	2- 1	1415	0.0	0.0	2- 1	1615	1.452	0.0
				1630	0.0444	0.10		1755	1.753	0.0004
				1740	0.0857	0.20		2155	1.975	0.0016
				2125	0.0267	0.30		2240	3.061	0.0027
				2210	0.1333	0.40		2320	5.028	0.0039
WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 0.7%; forest, 46.5%.				2215	1.2000	0.50		2400	5.028	0.0085
				2225	0.6000	0.60	2- 2	20	5.278	0.0114
				2240	0.4000	0.70		105	7.943	0.0133
				2245	1.2000	0.80		150	7.943	0.0221
				2255	0.6000	0.90		250	10.168	0.0233
				2315	0.3000	1.00		345	13.277	0.0250
				2340	0.2400	1.10		455	22.566	0.0378
				2355	0.4000	1.20		525	25.413	0.0409
				2400	0.2400	1.22		555	25.830	0.0440
			2- 2	20	0.2400	1.30		615	27.100	0.0571
				30	0.6000	1.40		725	27.100	0.1037
				40	0.6000	1.50		820	26.250	0.1070
				110	0.2000	1.60		940	25.413	0.1290
				150	0.1500	1.70		1030	22.980	0.1348
				230	0.1500	1.80		1220	18.828	0.1371
				300	0.2000	1.90		1305	16.426	0.1392
				350	0.1200	2.00		1355	15.324	0.1410
				405	0.4000	2.10		1425	13.770	0.1428
				415	0.6000	2.20		1525	11.873	0.1443
				435	0.3000	2.30		1635	10.577	0.1522
				655	0.0429	2.40		1720	9.383	0.1534
								1825	8.287	0.1544
								1940	7.606	0.1640
								2045	6.664	0.1648
								2155	6.083	0.1656

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.

1973			SELECTED RUNOFF EVENT			TIPTON, GEORGIA LITTLE RIVER WATERSHED #					
ANTECEDENT CONDITIONS			RAINFALL			RUNOFF					
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.	
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)	
EVENT OF FEBRUARY 1 - 3, 1973 (CONTINUED)											
							2- 2	2350	5.538	0.1704	
								2400	5.538	0.1710	
							2- 3	10	5.278	0.1717	
								155	5.028	0.1850	
								300	4.551	0.1856	
								625	4.108	0.2006	
								805	3.767	0.2011	
								940	3.561	0.2016	
								1350	3.401	0.2230	
								1355	3.228	0.2234	
								1620	3.228	0.2350	
								1625	3.061	0.2353	
								1935	3.061	0.2497	
								1940	2.900	0.2500	
								2400	2.745	0.2661	

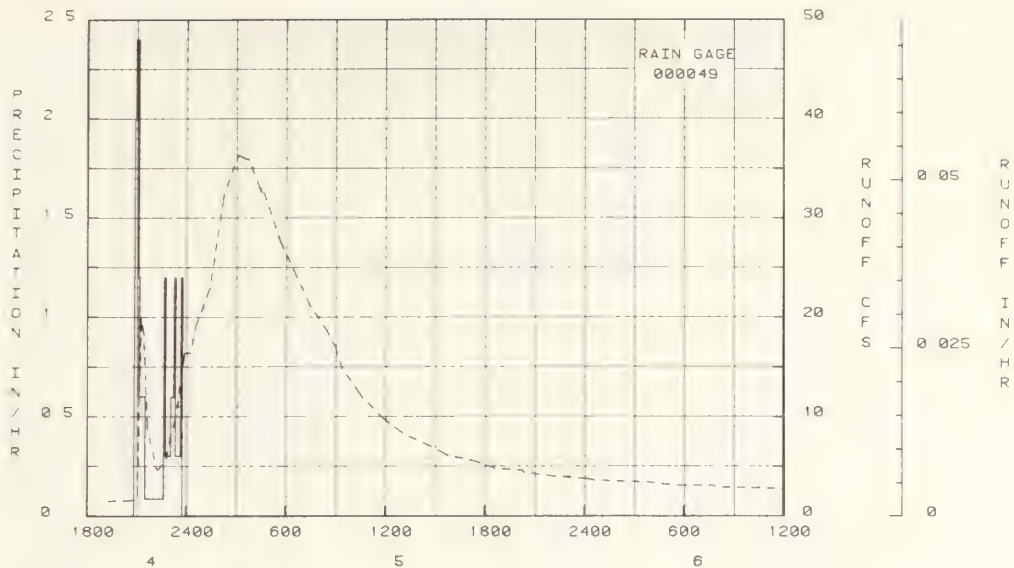
NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475757.



EVENT OF FEBRUARY 1 - 3, 1973  
TIPTON, GEORGIA LITTLE RIVER WATERSHED #

1974	SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE FIVER WATERSHED						
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF			
Date	Rainfall	Runoff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT OF APRIL 4 - 6, 1974										
RG 000049			FG 000049							
4- 4	0.0	0.051	4- 4	2052	0.0	0.0	4- 4	1920	1.533	0.0
				2055	1.9998	0.10		2055	1.617	0.0004
				2100	2.4001	0.30		2105	2.160	0.0009
				2105	2.4000	0.50		2115	19.921	0.0028
				2110	1.1999	0.60		2125	18.161	0.0051
WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 0.7%; forest, 46.5%.				2120	0.6000	0.70		2140	8.642	0.0063
				2130	0.6000	0.80		2215	4.551	0.0065
				2240	0.0657	0.90		2250	5.806	0.0076
				2245	1.2001	1.00		2305	6.287	0.0095
				2305	0.3000	1.10		2325	10.168	0.0107
				2315	0.6000	1.20		2355	16.426	0.0177
				2320	1.2001	1.30		2400	16.426	0.0198
				2340	0.3000	1.40	4- 5	15	16.426	0.0256
				2345	1.2001	1.50		35	19.189	0.0281
								125	22.980	0.0541
								215	32.473	0.0655
								305	36.314	0.0787
								345	35.823	0.0832
								430	32.473	0.0872
								440	32.473	0.0952
								540	27.530	0.1091
								630	24.585	0.1122
					730	21.043	0.1174			
					825	18.828	0.1197			
					900	16.957	0.1283			
					925	14.753	0.1320			
					1040	11.873	0.1335			
					1155	9.770	0.1347			
					1305	8.287	0.1358			
					1425	7.264	0.1376			
					1550	6.083	0.1383			
					1720	5.538	0.1424			
					1840	4.765	0.1430			
					2020	4.551	0.1492			
					2025	4.326	0.1497			
					2220	3.959	0.1502			
					2400	3.767	0.1535			
				4- 6	40	3.581	0.1535			
					350	3.401	0.1702			
					545	3.061	0.1706			
					750	3.061	0.1800			
					755	2.900	0.1804			

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.



EVENT CP APRIL 4 - 6, 1974  
TIPTON, GEORGIA LITTLE FIVE WATERSHED M

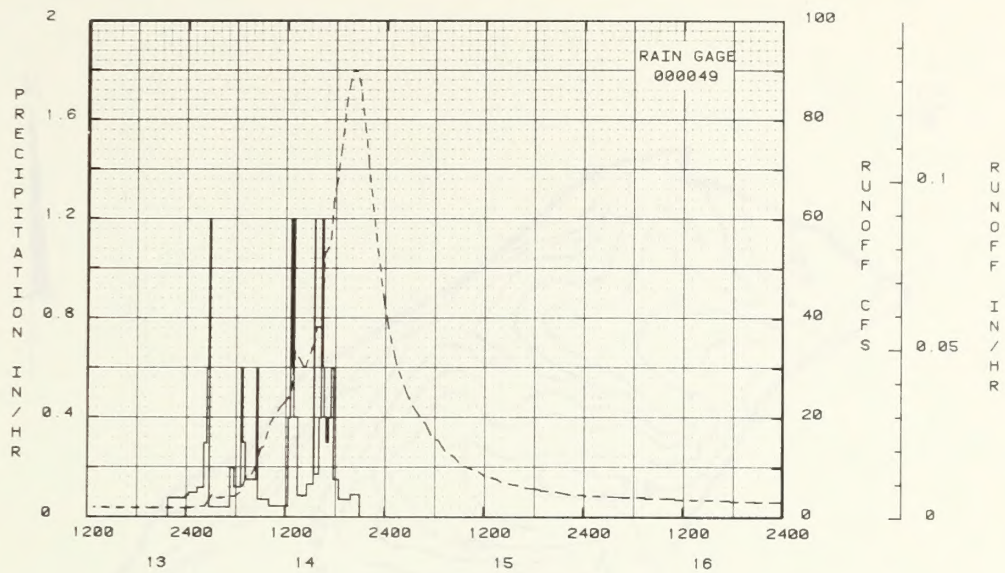
1975 SELECTED RUNCFF EVENT			TIPTON, GEORGIA LITTLE FIVE WATERSHED M							
ANTECEDENT CONDITIONS			RAINFALL				RUNCFF			
Date	Fainfall	Runcff	Date	Time	Intensity	Acc.	Date	Time	Rate	Acc.
Mo-Day	(inches)	(inches)	Mo-Day	of Day	(in/hr)	(inches)	Mo-Day	of Day	(cfs)	(inches)
EVENT CP APRIL 13 - 16, 1975										
FG 000049			FG 000049							
4-13	0.0	0.133	4-13	2149	0.0	0.0	4-13	1250	1.975	0.0
				2305	0.0790	0.10		1255	1.884	0.0002
				2400	0.0764	0.17		2040	1.753	0.0213
			4-14	20	0.0500	0.20		2400	1.753	0.0230
				120	0.1000	0.30	4-14	220	2.313	0.0236
WATERSHED CONDITIONS: Crops, 42.2%; pasture, 10.6%; roads, 0.7%; forest, 46.5%.				210	0.1200	0.40		310	4.551	0.0246
				230	0.3000	0.50		345	3.767	0.0251
				240	0.6000	0.60		555	4.326	0.0271
				250	1.2000	0.80		635	5.028	0.0284
				520	0.0400	0.50		720	8.287	0.0304
				550	0.2000	1.00		800	8.642	0.0314
				640	0.1200	1.10		840	10.958	0.0328
				650	0.5599	1.20		900	13.770	0.0361
				710	0.3000	1.30		925	14.275	0.0395
				750	0.1500	1.40		1010	18.828	0.0579
				830	0.1500	1.50		1125	22.196	0.0659
				840	0.6000	1.60		1225	24.162	0.0718
				1005	0.0706	1.70		1245	25.830	0.0841
				1220	0.0444	1.80		1310	33.414	0.0920
				1235	0.4000	1.90		1410	30.177	0.0958
				1240	1.1599	2.00		1425	30.177	0.1069
				1250	0.6000	2.10		1510	33.889	0.1270
				1300	1.2000	2.30		1535	35.823	0.1314
				1315	0.4000	2.40		1545	38.312	0.1405
				1330	0.4000	2.50		1610	38.312	0.1601
				1440	0.0857	2.60		1625	41.933	0.1691
				1525	0.1333	2.70		1640	53.140	0.1755
				1530	1.2001	2.80		1710	54.331	0.1888
				1605	0.1714	2.90		1725	56.140	0.2092
				1620	0.4000	3.00		1745	64.313	0.2245

NOTES: To convert runoff in CFS to I8/8R, multiply by 0.001475797.

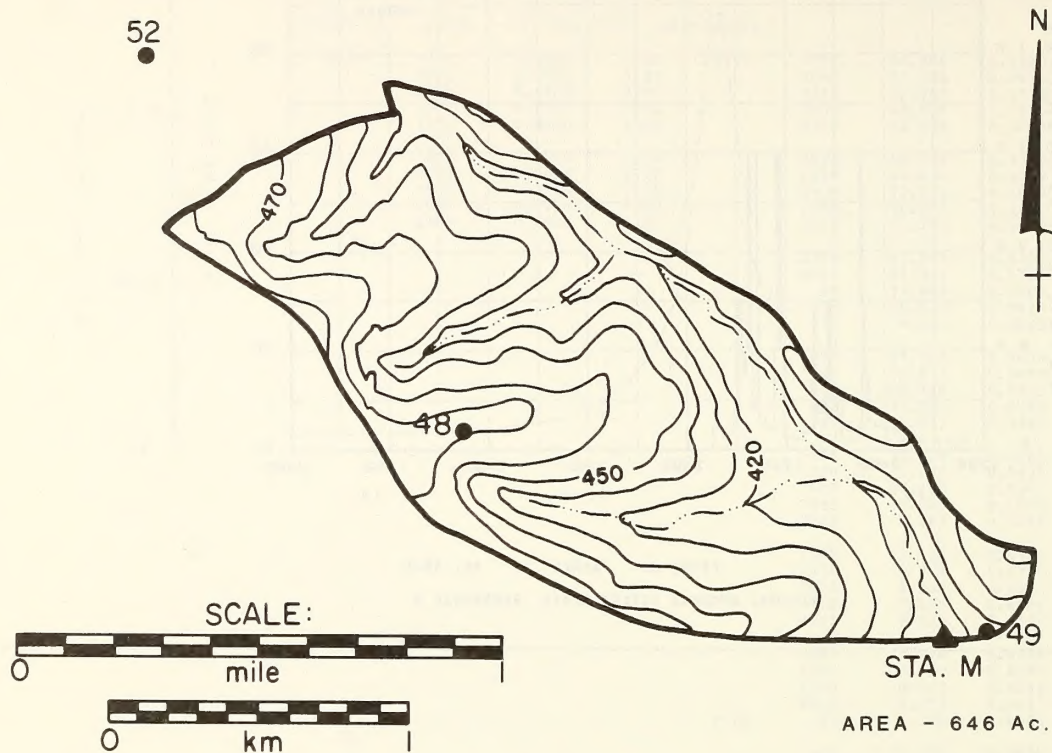


1975	SELECTED RUNOFF EVENT			TIFTON, GEORGIA LITTLE RIVER WATERSHED #										
ANTECEDENT CONDITIONS			RAINFALL				RUNOFF							
Date Mo-Day	Rainfall (inches)	Runoff (inches)	Date Mo-Day	Time of Day	Intensity (in/hr)	Acc. (inches)	Date Mo-Day	Time of Day	Rate (cfs)	Acc. (inches)				
EVENT OF APRIL 13 - 18, 1975 (CONTINUED)														
4-14				1630	1.2000	3.20	4-14	1810	68.265	0.2329				
				1640	0.6000	3.30		1840	75.103	0.2421				
				1655	0.4000	3.40		1910	82.987	0.2719				
				1715	0.3000	3.50		1930	86.656	0.2930				
				1730	0.4000	3.60		1955	89.719	0.3472				
				1740	0.5599	3.70		2025	89.719	0.3582				
				1750	0.6000	3.80		2050	86.656	0.3689				
				1830	0.1500	3.90		2130	77.216	0.3882				
				1955	0.0706	4.00		2155	70.283	0.3969				
				2100	0.0523	4.10		2250	56.750	0.4829				
								2350	43.532	0.5301				
								2400	41.933	0.5353				
				4-15								25	37.808	0.5401
												125	30.630	0.5478
												235	24.959	0.5605
												340	21.424	0.5658
												455	18.828	0.5681
												535	16.426	0.5702
												630	15.324	0.5740
												720	13.277	0.5756
												815	12.329	0.5865
												900	10.958	0.5878
												945	10.168	0.5891
												1130	9.007	0.6004
												1205	8.287	0.6015
												1335	7.608	0.6120
1410	6.969	0.6129												
1610	6.369	0.6257												
1705	5.806	0.6264												
1850	5.538	0.6339												
1855	5.278	0.6346												
2100	5.028	0.6504												
2230	4.551	0.6510												
2400	4.551	0.6611												
4-16								20	4.326	0.6616				
								440	4.108	0.6886				
								445	3.959	0.6891				
								730	3.959	0.7051				
								735	3.767	0.7056				
								1105	3.767	0.7251				
								1110	3.581	0.7255				
								1745	3.401	0.7595				
								1750	3.228	0.7599				
								2040	3.228	0.7734				
								2045	3.061	0.7738				
								2400	3.061	0.7884				
4-17								415	3.061	0.8076				
								420	2.900	0.8080				
								1705	2.745	0.8611				
								1710	2.595	0.8614				
								2025	2.595	0.8735				
								2030	2.451	0.8742				
4-18								2400	2.451	0.8869				
								120	2.313	0.8872				
								530	2.313	0.9014				
								555	2.451	0.9020				

NOTES: To convert runoff in CFS to IN/HR, multiply by 0.001475797.



EVENT OF APRIL 13 - 18, 1975  
TIPTON, GEORGIA LITTLE RIVER WATERSHED N



(contour interval is 10 ft.)

### LEGEND

- |  |                                 |
|--|---------------------------------|
|  | Watershed Boundary              |
|  | Contour Line (N.G.V.D. of 1929) |
|  | Continuous Stream               |
|  | Intermittent Stream             |
|  | Precipitation Recorder          |
|  | Streamgaging Station            |



LITTLE RIVER EXPERIMENTAL WATERSHED  
TIFTON, GEORGIA  
TOPOGRAPHY OF  
WATERSHED M  
(Newell Branch)





